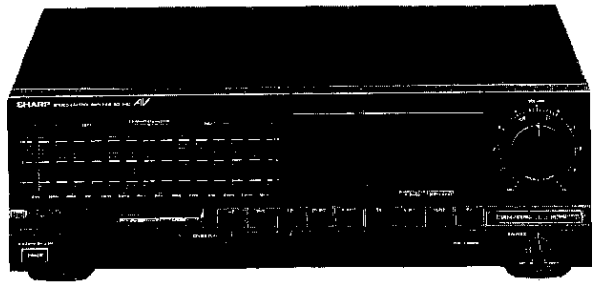
SHARP

SERVICE MANUAL/SERVICE-ANLEITUNG/MANUEL DE SERVICE

S09A0SO3400HK



SO-3400H(BK)

- In the interests of user-safety the set should be restored to its original condition and only parts identical to those specified be used.
- Im Interesse der Benutzer-Sicherheit sollte dieses Gerät wieder auf seinen ursprünglichen Zustand eingestellt und nur die vorgeschriebenen Teile verwendet werden.
- Dans l'intérêt de la sécurité de l'utilisateur, l'appareil devra être reconstitué dans sa condition première et seules des pièces identiques à celles spécifiées, doivent être utilisées.

INDEX TO CONTENTS

Ⓔ

	Page
SPECIFICATIONS	2-4
NAMES OF PARTS	2-4
BLOCK DIAGRAM	5,6
DISASSEMBLY	7,8
WIRING DIAGRAM	9,10
PLAYBACK OF PERSONAL COMPUTER	11,12
ALC ADJUSTMENT	11,12
SCHEMATIC DIAGRAM/WIRING SIDE OF P.W.BOARD	13-32
FUNCTION TABLE OF IC	33-36
EXPLODED VIEW	37
REPLACEMENT PARTS LIST	38-44

INHALTSVERZEICHNIS

Ⓓ

	Seite
TECHNISCHE DATEN	2-4
BEZEICHNUNG DER TEILE	2-4
BLOCKSCHALTPLAN	5,6
ZERLEGEN	7,8
FERNBEDIENUNG SCHALTPLAN	9,10
WIEDERGABE DES PERSONAL-COMPUTERS	11,12
EINSTELLUNG DER AUTOMATISCHEN AUSSTEUERUNG	11,12
SCHEMATISCHER SCHALTPLAN/VERDRAHTUNGS-SEITE DER LEITERPLATTE	13-32
FUNCTIONSTABELLE DER INTEGRIERTEN SCHALTUNG	33-36
EXPLOSIONSDARSTELLUNG	37
ERSATZTEILLISTE	38-44

TABLE DES MATIÈRES

Ⓕ

	Page
CARACTÉRISTIQUES	2-4
NOMENCLATURE	2-4
DIAGRAMME SYNOPTIQUE	5,6
DÉMONTAGE	7,8
SCHÉMA DE CÂBLAGE	9,10
LECTURE DE L'ORDINATEUR PERSONNEL	11,12
ADJUSTEMENT ALC	11,12
DIAGRAMME SCHÉMATIQUE/CÔTÉ CÂBLAGE DE LA P.M.I.	13-32
TABLEAU DE FONCTIONS POUR IC	33-36
VUE ÉCLATÉE	37
LISTE DES PIÈCES DE RECHANGE	38-44

SHARP CORPORATION

Ⓔ

FOR A COMPLETE DESCRIPTION OF THE OPERATION OF THIS UNIT, PLEASE REFER TO THE OPERATION MANUAL.

SPECIFICATIONS

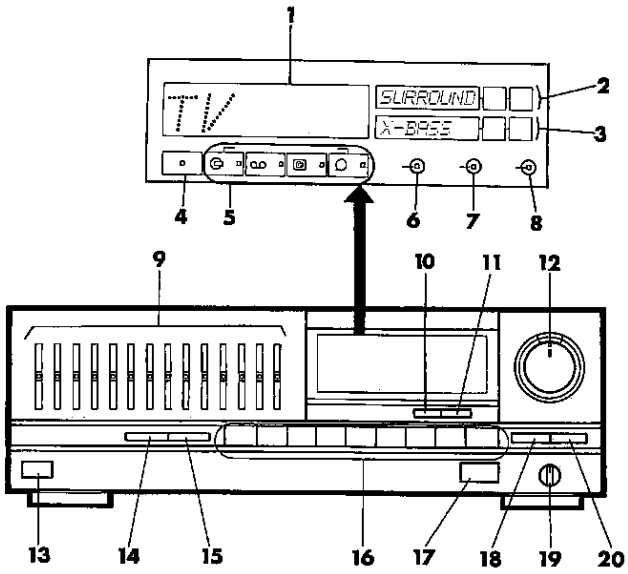
Power source: AC 220 V, 50 Hz
Power consumption: 28 W
Type: Stereo control amplifier
Input sensitivity and input impedance:
PHONO; 3.5 mV/47 kohms
TAPE IN, CD, VCR1 IN, VCR2, TV, LD; 250 mV/47 kohms

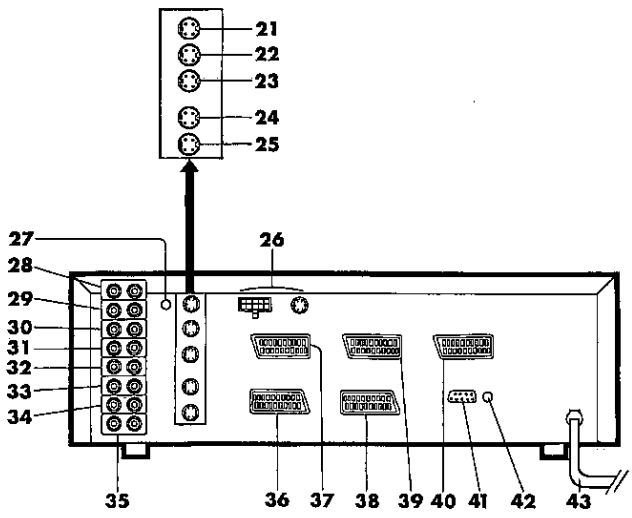
Output level and loaded impedance:
TAPE OUT; 250 mV/47 kohms
PRE OUT; 200 mV/47 kohms
Dimensions: Width; 430 mm (17")
Height; 140 mm (5-1/2")
Depth; 359 mm (14-1/8")
Weight: 5.6 kg (12.3 lbs.)

Specifications for this model are subject to change without prior notice.

NAMES OF PARTS

1. Function Display Indicator
2. Surround Indicators
3. Extra Bass Indicators
4. AV Edit Indicator
5. Cross Sound Display Indicators
6. Mono Indicator
7. Muting Indicator
8. Remote Control Stand-by Indicator
9. Graphic Equalizer Controls and Indicators
10. Extra Bass Switch: X-BASS
11. Surround Switch
12. Volume Control and Indicator
13. Power Switch
14. AV Edit Button
15. Cross Play Button
16. Function Selector Buttons
17. Remote Sensor Window
18. Mono/Stereo Selector Switch
19. Balance Control
20. Muting Button
21. AV Edit S-Video Output Socket (For AD-3400H)
22. TV S-Video Output Socket (For XM-2146G)
23. VCR 1 S-Video Output Socket
24. AV Edit S-Video Input Socket (For AD-3400H)
25. VCR 1 S-Video Input Socket
26. System Control Sockets
27. Phono Earth Terminal
28. Phono Input Sockets
29. Tuner Input Sockets
30. CD Input Sockets
31. Tape Playback Sockets
32. Tape Record Output Sockets
33. VCR 1 Audio Input Sockets
34. VCR 1 Audio Output Sockets
35. Pre-amplifier Output Sockets
36. VCR 1 Input/Output Terminal
37. AV Edit Terminal (For AD-3400H)
38. TV Input/Output Terminal (For XM-2146G)
39. VCR 2 Input Terminal
40. LD(CDV) Input Terminal
41. PC Input Terminal (For PC-4602/PC-4641)
42. Horizontal-Centre Control (For PC-4602/PC-4641)
43. AC Supply Lead





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EINE VOLLSTÄNDIGE BESCHREIBUNG DER BEDIENUNG DIESES GERÄTES IST IN DER BEDIENUNGSANLEITUNG ENTHALTEN.

TECHNISCHE DATEN

Spannungsversorgung:
Netzspannung 220 V, 50 Hz
Leistungsaufnahme: 28 W
Typ: Stereo-Steuerverstärker
Eingangsempfindlichkeit und -impedanz:
PHONO; 3,5 mV/47 kOhm
TAPE IN, CD, VCR1 IN, VCR 2,TV, LD; 250 mV/47 kOhm

Ausgangspegel und Belastungsimpedanz:
TAPE OUT; 250 mV/47 kOhm
PRE OUT; 200 mV/47 kOhm
Abmessungen: Breite; 430 mm
Höhe; 140 mm
Tiefe; 359 mm
Gewicht: 5,6 kg

Die technischen Daten für dieses Modell können ohne vorherige Ankündigung Änderungen unterworfen sein.

BEZEICHNUNG DER TEILE

1. Funktionsanzeige
2. Surround-Anzeigen
3. Extratieftonanzeigen
4. AV-Editieranzeige
5. Querverbindungs-Anzeigen
6. Mono-Anzeige
7. Stummschaltungsanzeige
8. Fernbedienungs-Bereitschaftsanzeige
9. Regler und Anzeigen des graphischen Equalizers
10. Extratieftonschalter: X-BASS
11. Sorround-Schalter
12. Lautstärkeregler und -anzeige
13. Netzschalter
14. AV-Editiertaste
15. Querverbindungs-Wiedergabetaste
16. Funktionswahltasten
17. Fernsensorfenster
18. Mono/Stereo-Wahlschalter
19. Balanceregler
20. Stummschaltungstaste
21. AV-Editierungs-S-Video-Ausgangsbuchse (Für AD-3400H)
22. TV S-Video-Ausgangsbuchse (Für XM-2146G)
23. VCR 1 S-Video-Ausgangsbuchse
24. AV-Editierungs-S-Video-Eingangsbuchse (Für AD-3400H)
25. VCR 1 S-Video-Eingangsbuchse
26. System-Steuerbuchsen
27. Plattenspieler-Erdklemme
28. Plattenspieler-Eingangsbuchsen
29. Tuner-Eingangsbuchsen
30. CD-Eingangsbuchsen
31. Bandwiedergabebuchsen
32. Bandaufnahme-Ausgangsbuchsen
33. VCR 1 Audio-Eingangsbuchsen
34. VCR 1 Audio-Ausgangsbuchsen
35. Vorverstärker-Ausgangsbuchsen
36. VCR 1 Eingangs-/Ausgangsklemme
37. AV-Editierklemme (Für AD-3400H)
38. TV-Eingangs-/Ausgangsklemme (Für XM-2146G)
39. VCR 2 Eingangsklemme
40. LD(CDV)-Eingangsklemme
41. PC-Eingangsklemme (Für PC-4602/PC-4641)
42. Horizontalbildlageregler (Für PC-4602/PC-4641)
43. Netzkabel

Ⓕ

POUR LA DESCRIPTION COMPLÈTE DU FONCTIONNEMENT DE CET APPAREIL, SE REPORTER AU MODE D'EMPLOI.

CARACTÉRISTIQUES

Alimentation: 220 V CA, 50 Hz
Consommation: 28 W
Type: Amplificateur stéréo de contôle
Sensibilité et impédance d'entrée:
PHONO; 3,5 mV/47 k ohms
TAPE IN, CD, VCR1 IN, VCR2, TV, LD; 250 mV/47 k ohms

Niveau de sortie et impédance normale:
TAPE OUT; 250 mV/47 k ohms
PRE OUT; 200 mV/47 k ohms
Dimensions: Largeur; 430 mm
Hauteur; 140 mm
Profondeur; 359 mm
Poids: 5,6 kg

Les caractéristiques de ce modèle sont sujettes à modification sans préavis.

NOMENCLATURE

1. Voyant d'affichage de fonction
2. Voyants surround
3. Voyants extra-graves
4. Voyant de montage AV
5. Voyants d'affichage de son croisé
6. Voyant mono
7. Voyant de réglage silencieux
8. Voyant d'attente de télécommande
9. Commandes et voyants de l'égaliseur graphique
10. Commutateur des extra-graves: X-BASS
11. Commutateur surround
12. Commande et voyant de volume
13. Commutateur marche/arrêt
14. Touche de montage AV
15. Touche de lecture croisée
16. Sélecteurs de fonction
17. Capteur de télécommande
18. Sélecteur mono/stéréo
19. Commande de balance
20. Touche de réglage silencieux
21. Prise de sortie S-vidéo de montage AV (Pour AD-3400H)
22. Prise de sortie S-vidéo TV (Pour XM-2146G)
23. Prise de sortie S-vidéo VCR 1
24. Prise d'entrée S-vidéo de montage AV (Pour AD-3400H)
25. Prise d'entrée S-vidéo VCR 1
26. Prises de commande de système
27. Borne de terre phono
28. Prises d'entrée phono
29. Prises d'entrée du tuner
30. Prises d'entrée CD
31. Prises de lecture de bande
32. Prises de sortie d'enregistrement de bande
33. Prises d'entrée audio VCR 1
34. Prises de sortie audio VCR 1
35. Prises de sortie de préamplificateur
36. Borne d'entrée/sortie VCR 1
37. Borne de montage AV (Pour AD-3400H)
38. Borne d'entrée/sortie TV (Pour XM-2146G)
39. Borne d'entrée VCR 2
40. Borne d'entrée LD(CDV)
41. Borne d'entrée PC (Pour PC-4602/PC-4641)
42. Commande de centre horizontal (Pour PC-4602/PC-4641)
43. Cordon d'alimentation

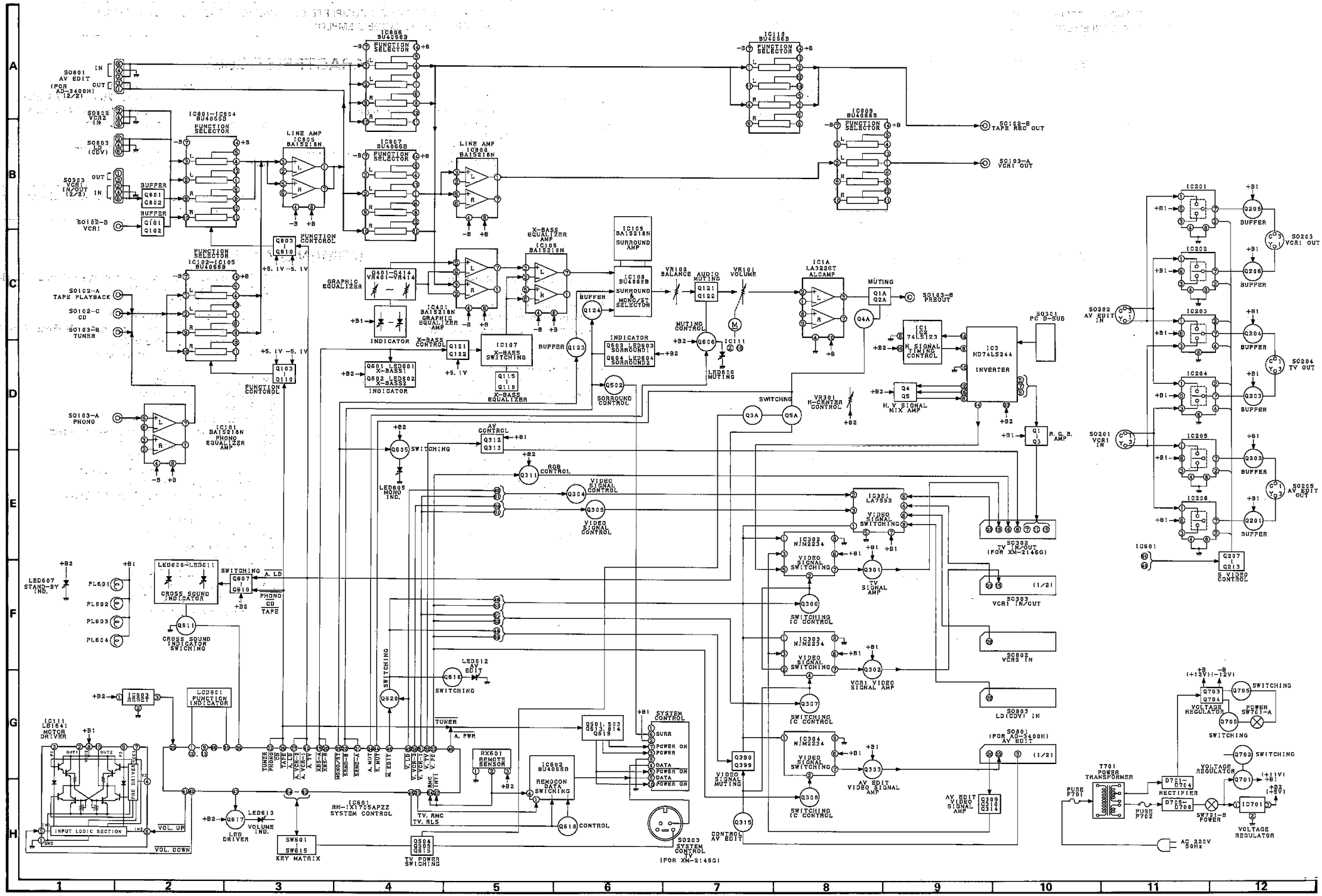


Figure 5 BLOCK DIAGRAM

Ⓔ DISASSEMBLY

Caution on Disassembly
Follow the below-mentioned notes when disassembling the unit and reassembling it, to keep its safety and excellent performance:
1. Be sure to remove the power supply plug from the wall outlet before starting to disassemble the unit and remove the batteries from the unit.
2. Take off nylon bands or wire holders where they need be removed when disassembling the unit. After servicing the unit, be sure to rearrange the leads where they were before disassembling.
3. Take sufficient care on static electricity of integrated circuits and other circuits when servicing.

STEP	REMOVAL	PROCEDURE	FIGURE
1	Top Cabinet	1. Screw ·····(A1)×10	7-1
2	Front Panel	1. Knob·····(B1)×1 2. Washer ·····(B2)×1 3. Socket·····(B3)×1 4. Screw ·····(B4)×4	7-2
3	Volume PWB	1. Screw ·····(C1)×6	7-2
4	S-video PWB	1. Screw ·····(D1)×6	7-3
5	System Control PWB	1. Screw ·····(E1)×2	7-3
6	AV PWB	1. Screw ·····(F1)×6	7-2
7	VCR1 PWB	1. Screw ·····(G1)×6	7-2
8	Power PWB	1. Screw ·····(H1)×2	7-3
9	Display PWB	1. Screw ·····(J1)×12	7-4
10	Graphic Equalizer PWB	1. Screw ·····(K1)×6 2. Hook ·····(K2)×2	7-4

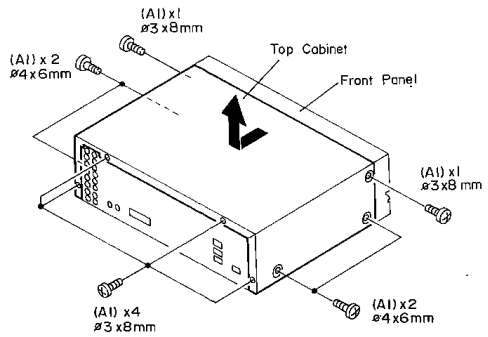


Figure 7-1

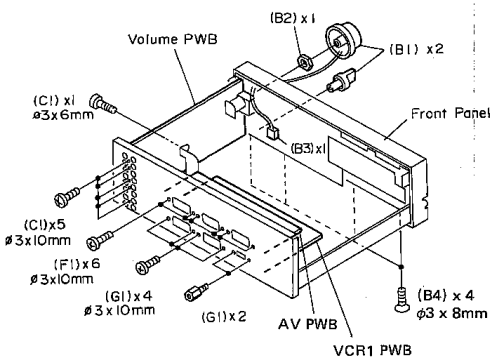


Figure 7-2

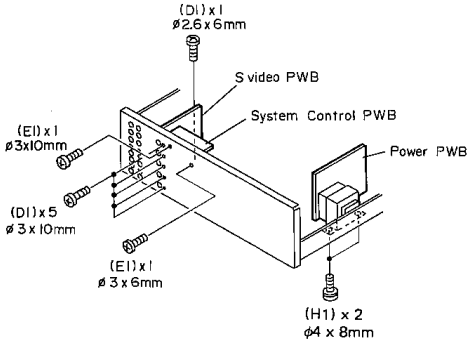


Figure 7-3

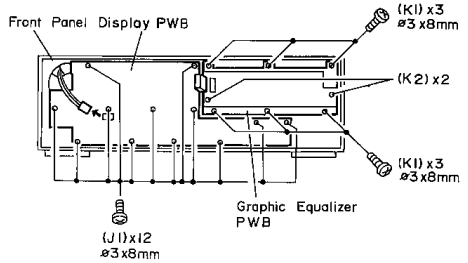


Figure 7-4

Ⓓ ZERLEGEN

Vorsichtsmassregeln Für Das Zerlegen
Beim Zerlegen und Zusammenbauen des Gerätes die folgenden Anweisungen befolgen, um dessen Betriebssicherheit und ausgezeichnete Leistung aufrechtzuerhalten.
1. Bevor mit dem Zerlegen des Gerätes begonnen wird, unbedingt den Netzkabelstecker aus der Netzsteckdose ziehen und die Batterien aus dem Gerät entfernen.
2. Nylonbänder oder Leitungshalter entfernen, falls dies beim Zerlegen des Gerätes erforderlich ist. Nach Warten des Gerätes darauf achten, die Leitungen wieder so zu verlegen, wie sie vor den Zerlegen angeordnet waren.
3. Beim Ausführen von Wartungsarbeiten auf statische Elektrizität der integrierten Schaltkreise und anderen Schaltungen achten.

SCHRITT	ENTFERNEN	VERFAHREN	ABBILDUNG
1	Gehäuseoberteil	1. Schraube ·····(A1)×10	7-1
2	Frontplatte	1. Knopf ·····(B1)×1 2. Unterlegscheibe·····(B2)×1 3. Buchse·····(B3)×1 4. Schraube·····(B4)×4	7-2
3	Lautstärke-Leiterplatte	1. Schraube·····(C1)×6	7-2
4	S-Video-Leiterplatte	1. Schraube·····(D1)×6	7-3
5	Systemsteuerungs-Leiterplatte	1. Schraube·····(E1)×2	7-3
6	AV-Leiterplatte	1. Schraube·····(F1)×6	7-2
7	VCR1-Leiterplatte	1. Schraube·····(G1)×6	7-2
8	Netzleiterplatte	1. Schraube·····(H1)×2	7-3
9	Anzeige-Leiterplatte	1. Schraube ·····(J1)×12	7-4
10	Leiterplatte des graphischen Equalizers	1. Schraube·····(K1)×6 2. Haken ·····(K2)×2	7-4

Ⓕ DÉMONTAGE

Précautions pour le démontage
Lors du démontage de l'appareil et de son remontage, suivre les précautions ci-dessous, pour maintenir la sécurité et d'excellentes performances.
1. S'assurer de retirer la fiche d'alimentation secteur de la prise murale avant de démarrer le démontage de l'appareil et déposer les piles de l'appareil.
2. Déposer les bandes de nylon ou les serre-câbles si nécessaire lors du démontage de l'appareil. Après la réparation de l'appareil, s'assurer de redisposer les fils tel qu'ils étaient avant le démontage.
3. Faire attention à l'électricité statique des circuits intégrés et des autres circuits lors de la réparation.

ÉTAPE	DÉPOSE	PROCÉDÉ	FIGURE
1	Coffret supérieur	1. Vis ·····(A1)×10	7-1
2	Panneau avant	1. Bouton ·····(B1)×1 2. Rondelle ·····(B2)×1 3. Prise·····(B3)×1 4. Vis ·····(B4)×4	7-2
3	PMI du volume	1. Vis ·····(C1)×6	7-2
4	PMI de S-vidéo	1. Vis ·····(D1)×6	7-3
5	PMI de commande de système	1. Vis ·····(E1)×2	7-3
6	PMI de AV	1. Vis ·····(F1)×6	7-2
7	PMI de VCR1	1. Vis ·····(G1)×6	7-2
8	PMI d'alimentation	1. Vis ·····(H1)×2	7-3
9	PMI d'affichage	1. Vis ·····(J1)×12	7-4
10	PMI d'égaliseur graphique	1. Vis ·····(K1)×6 2. Crochet ·····(K2)×2	7-4

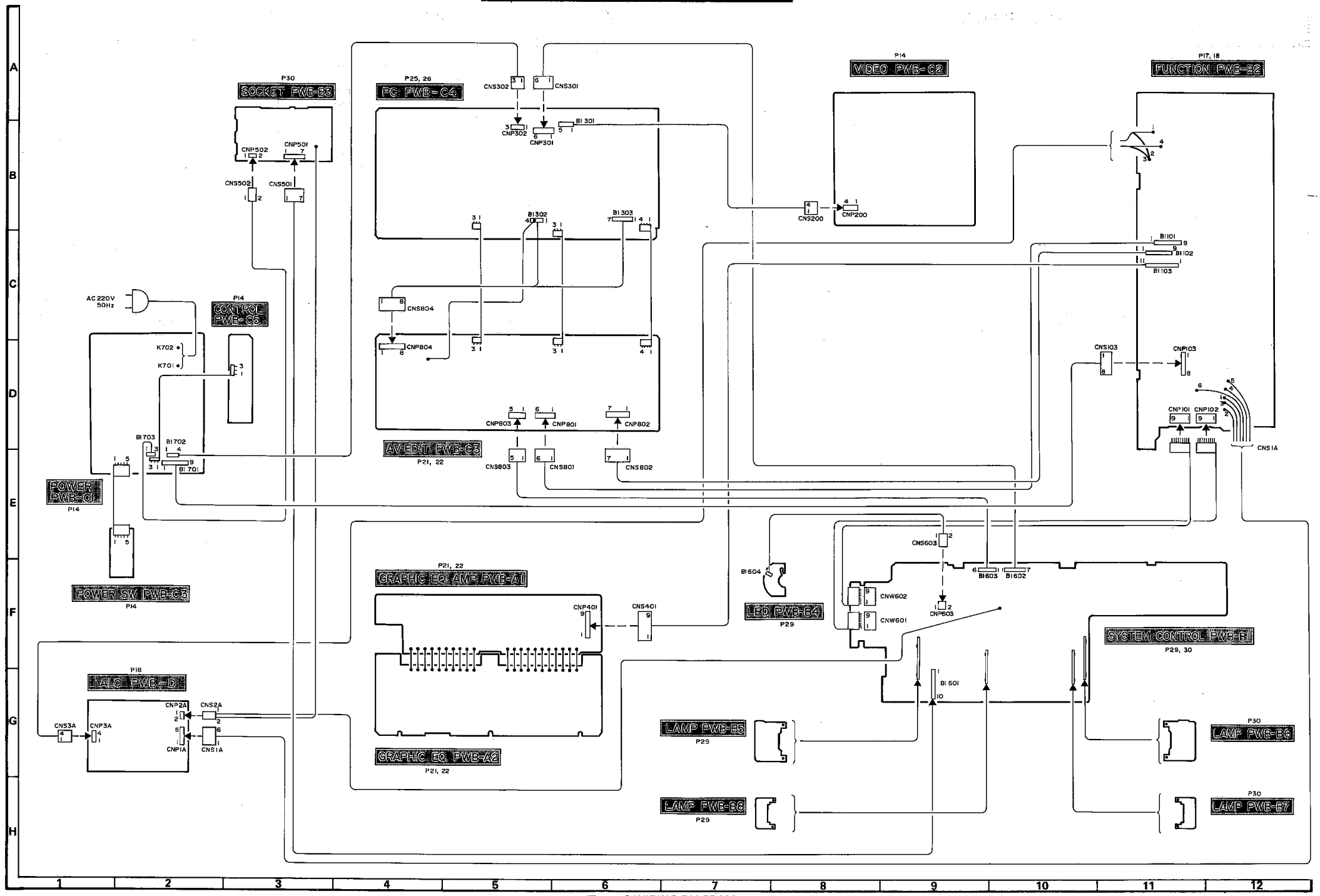


Figure 9 WIRING DIAGRAM

Ⓔ PLAYBACK OF PERSONAL COMPUTER

1 Turn the POWER switches on both units to ON.

2 Select the PC position with the function selector buttons.

PC ... Personal computer
SHARP PC-4602 or SHARP PC-4641 only

3 Adjust the H-CENTER control so that the image is centred on the TV screen.

Note:
- When in the PC position, audio output from the speakers is impossible.

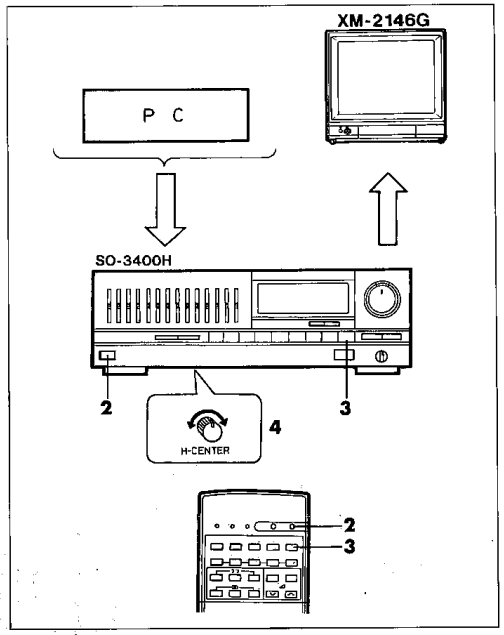


Figure 11-1

ALC ADJUSTMENT

1. Adjust the signal generator output so that the distortion meter reads 0.5 %.
2. Adjust VRs 1A and 2A so that the voltmeter reads 330 mV.

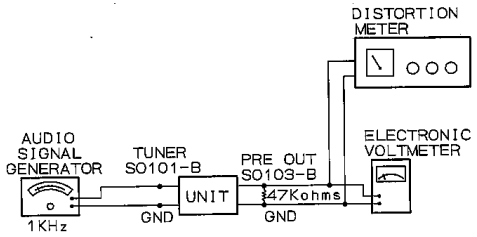


Figure 11-2

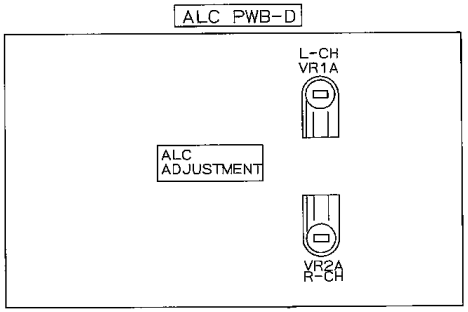


Figure 11-3 ADJUSTMENT POINTS

Ⓓ WIEDERGABE DES PERSONAL-COMPUTERS

1 Die POWER-Schalter an beiden Geräten auf ON stellen.

2 Die PC-Position mit den Funktionswahltasten bestimmen.

PC ... Personal-Computer
Nur für SHARP PC-4602 oder SHARP PC-4641

3 Den H-CENTER-Regler so einstellen, daß sich das Bild in der Mitte des Bildschirms befindet.

Hinweis:
- In der PC-Position ist kein Ton über die Lautsprecher zu hören.

EINSTELLUNG DER AUTOMATISCHEN AUSSTEUERUNG

1. Den Ausgang des Meßsenders so einstellen, daß der Verzerrungsmesser 0,5 % anzeigt.
2. Das VR 1A und 2A so einstellen, daß das Voltmeter 330 mV anzeigt.

Ⓕ LECTURE DE L'ORDINATEUR PERSONNEL

1 Enclencher les commutateurs POWER des deux appareils.

2 Sélectionner la position PC au moyen des sélecteurs de fonction.

PC ... Ordinateur personnel
SHARP PC-4602 ou SHARP PC-4641 seulement

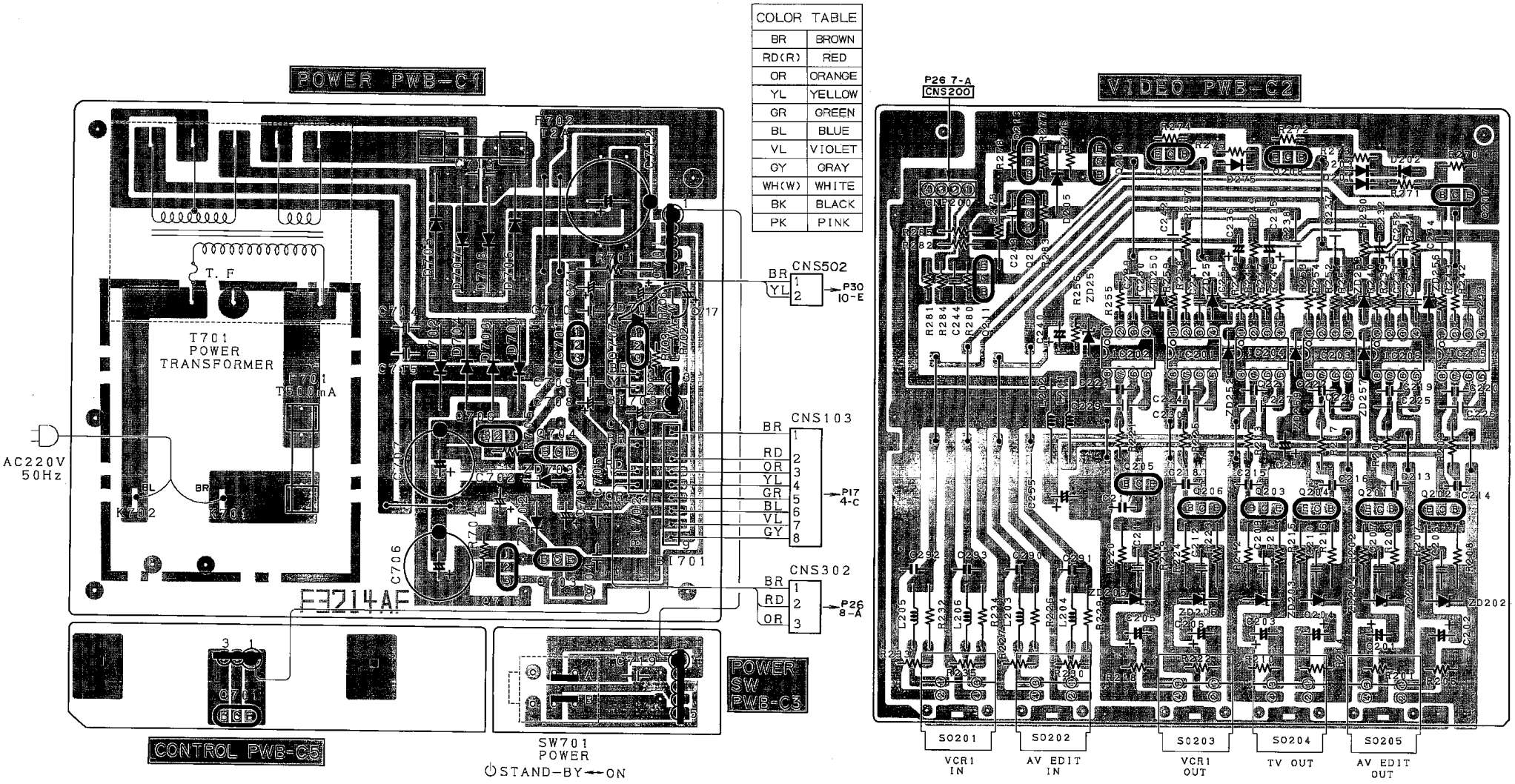
3 Agir sur la commande H-CENTER pour centrer l'image sur l'écran TV.

Note:
- À la position PC, la sortie audio des enceintes est interdite.

AJUSTEMENT ALC

1. Ajuster la sortie du générateur de signaux de telle sorte que le distorsiomètre indique 0,5 %.
2. Agir sur les VR 1A et 2A de telle sorte que le voltmètre indique 330 mV.

When Servicing, pay attention as,
the area enclosed by this line (■■■)
is directly connected with AC main Voltage.

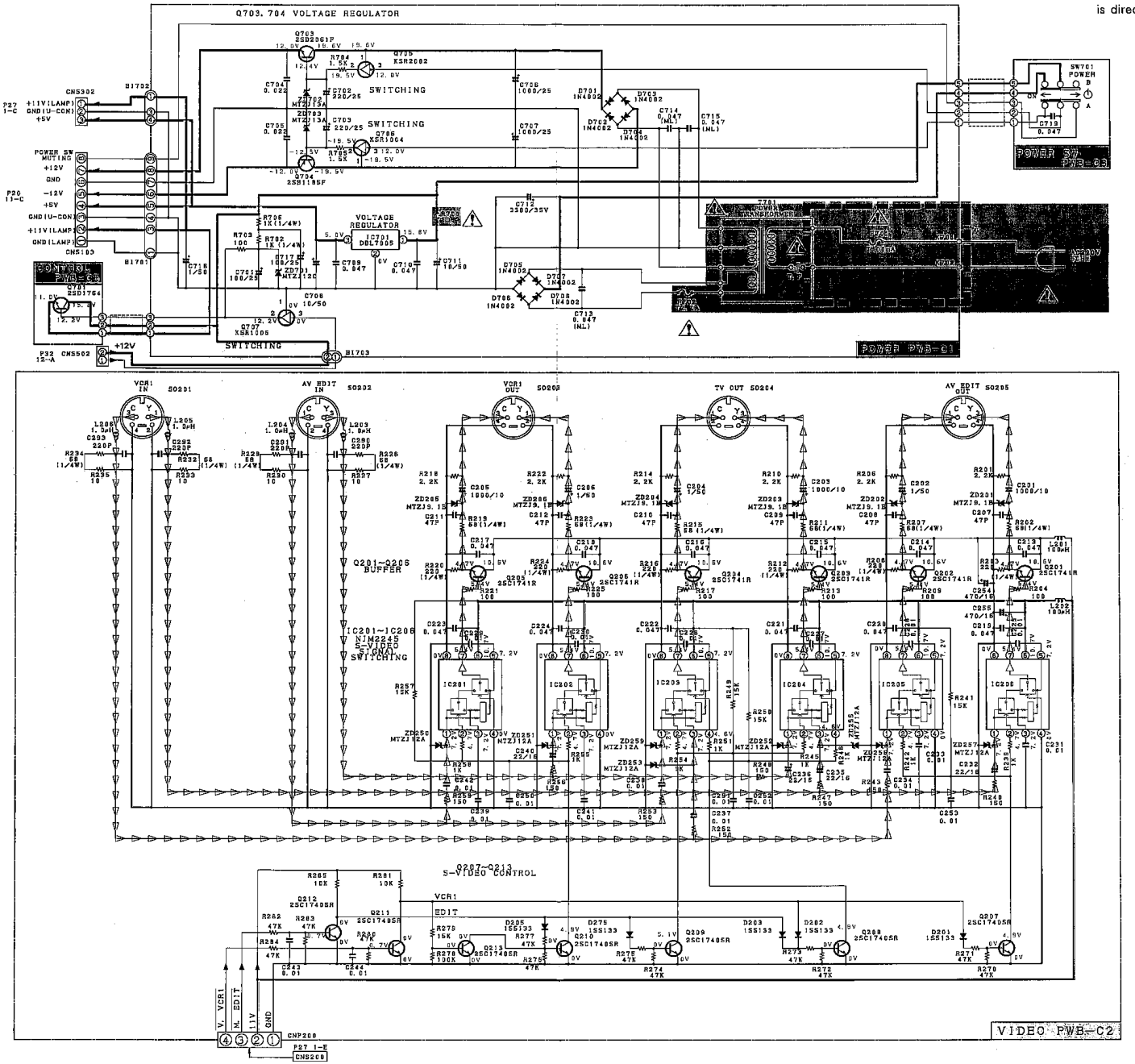


COLOR TABLE	
BR	BROWN
RD(R)	RED
OR	ORANGE
YL	YELLOW
GR	GREEN
BL	BLUE
VL	VIOLET
GY	GRAY
WH(W)	WHITE
BK	BLACK
PK	PINK

Figure 13 WIRING SIDE OF P.W.BOARD (1/5)

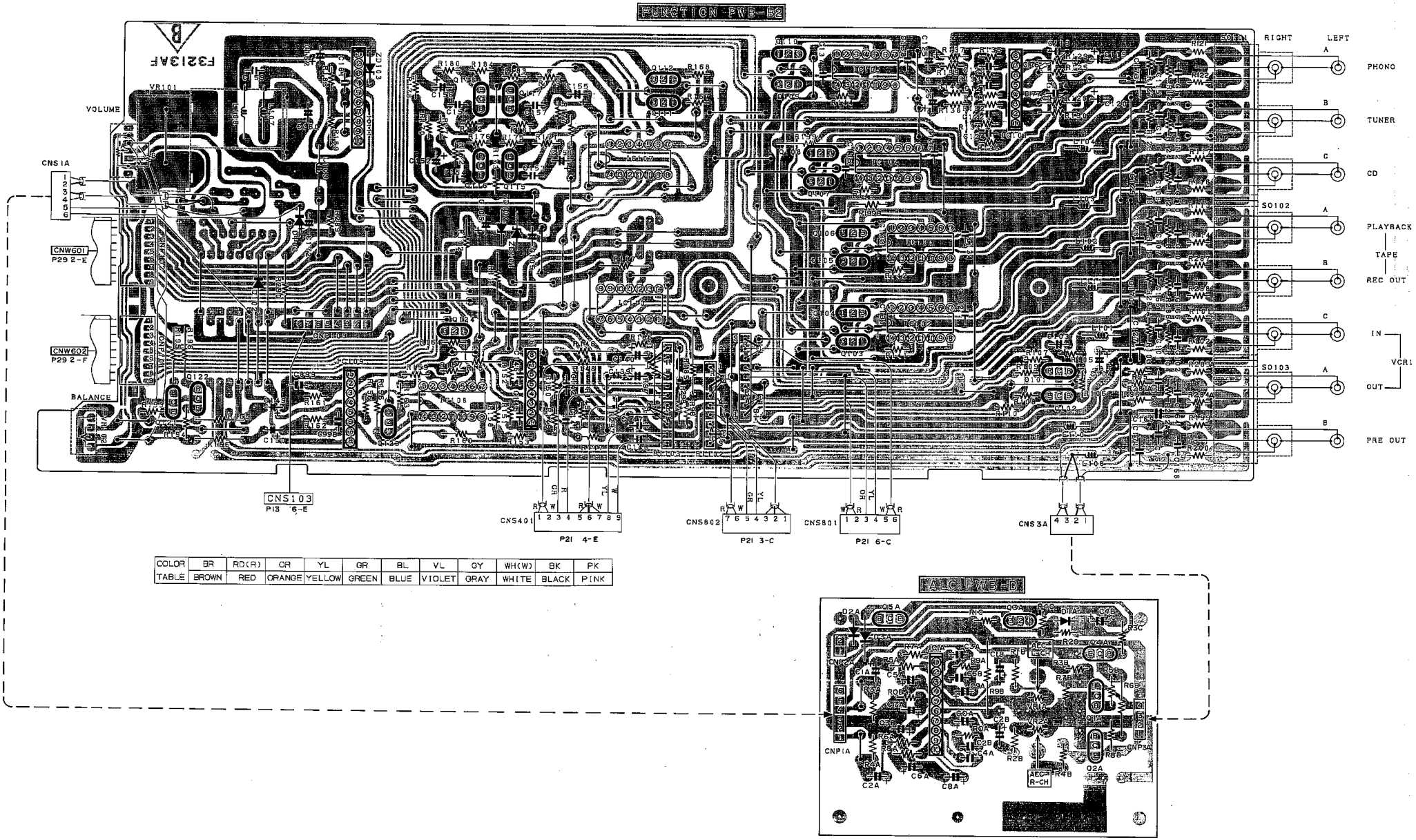
——+B ▷▷▷Y Signal ——−B ▷▷▷C Signal

When Servicing, pay attention as the area enclosed by this line (■■■) is directly connected with AC main Voltage.



(E) ● NOTES ON SCHEMATIC DIAGRAM can be found on page 25, 26. (D) ● ANMERKUNGEN ZUM SCHEMATISCHEN SCHALTPLAN stehen auf Seite 25, 26. (F) ● REMARQUES CONCERNANT LE DIAGRAMME SCHÉMATIQUE sont indiquées à la page 25, 26.

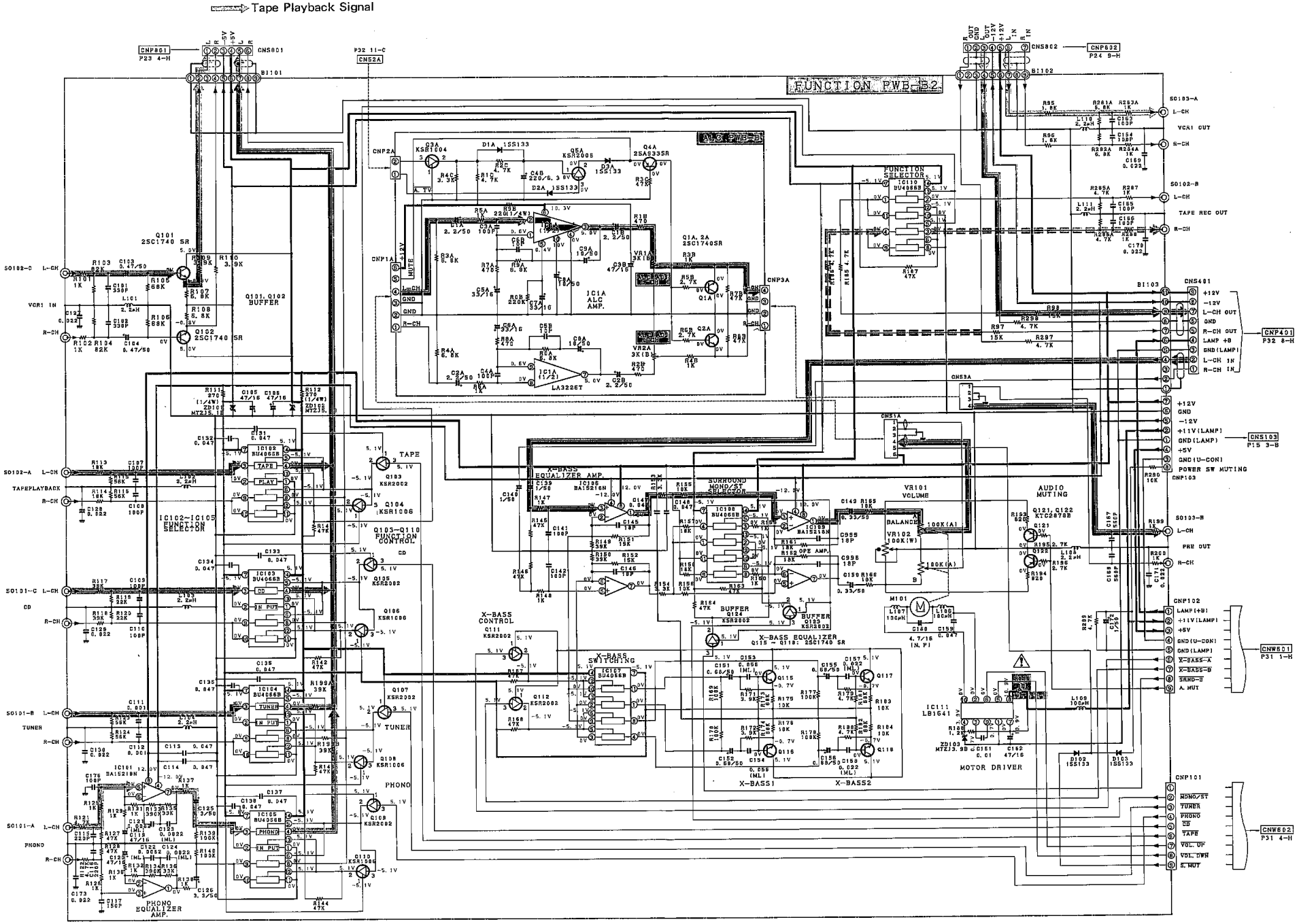
Figure 15 SCHEMATIC DIAGRAM (1/5)



COLOR	BR	RD(R)	OR	YL	GR	BL	VL	GY	WH(W)	BK	PK
TABLE	BROWN	RED	ORANGE	YELLOW	GREEN	BLUE	VIOLET	GRAY	WHITE	BLACK	PINK

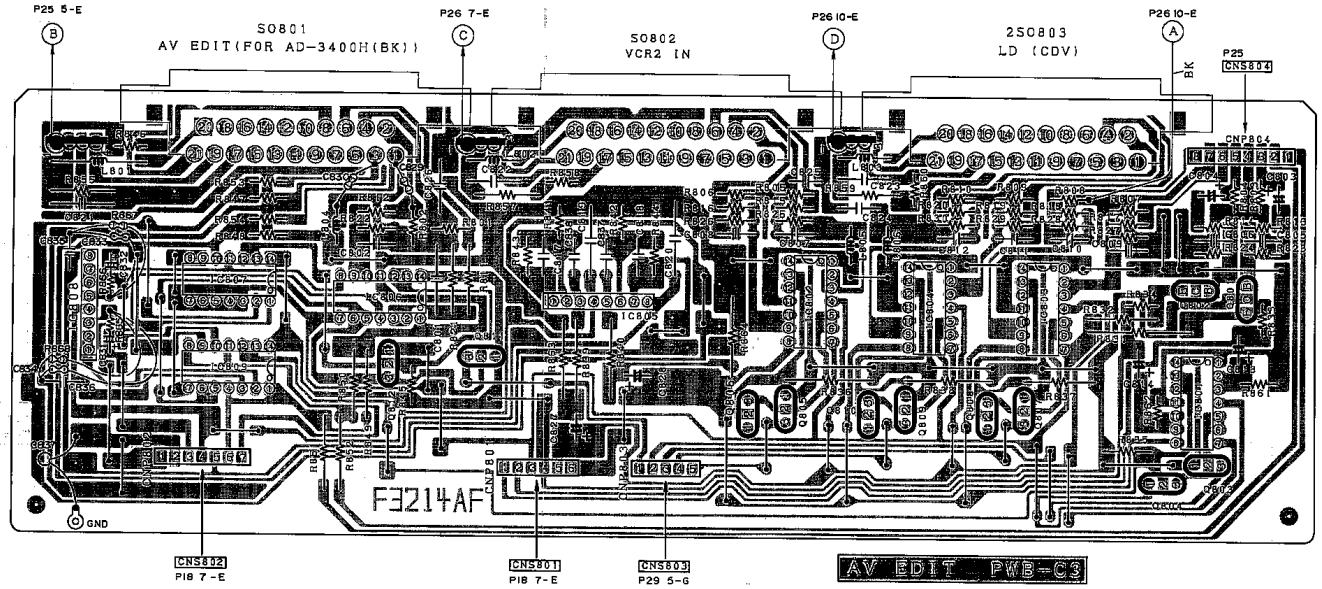
Figure 17 WIRING SIDE OF P.W.BOARD (2/5)

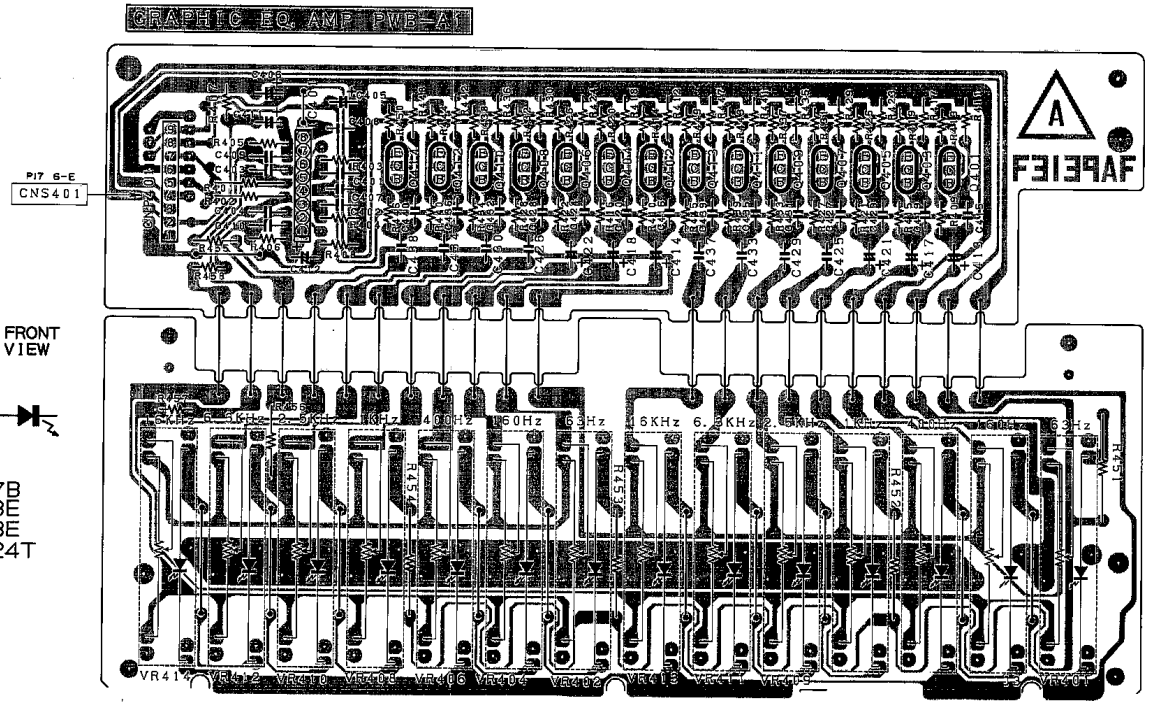
+B Tuner Signal Tape REC Signal −B Other Audio Signal
Tape Playback Signal

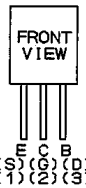


(E) ● NOTES ON SCHEMATIC DIAGRAM can be found on page 25, 26. (D) ● ANMERKUNGEN ZUM SCHEMATISCHEN SCHALTPLAN stehen auf Seite 25, 26. (F) ● REMARQUES CONCERNANT LE DIAGRAMME SCHÉMATIQUE sont indiquées à la page 25, 26.

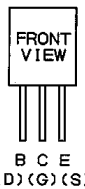
Figure 19 SCHEMATIC DIAGRAM (2/5)



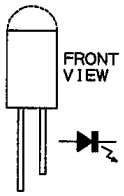




2SC1740 SR
VSKSR2002
KSR1006
VSKSR2004
2SA933 SR
VSKSR1004
KSR2006
2SC1741 R
KTC2878 B



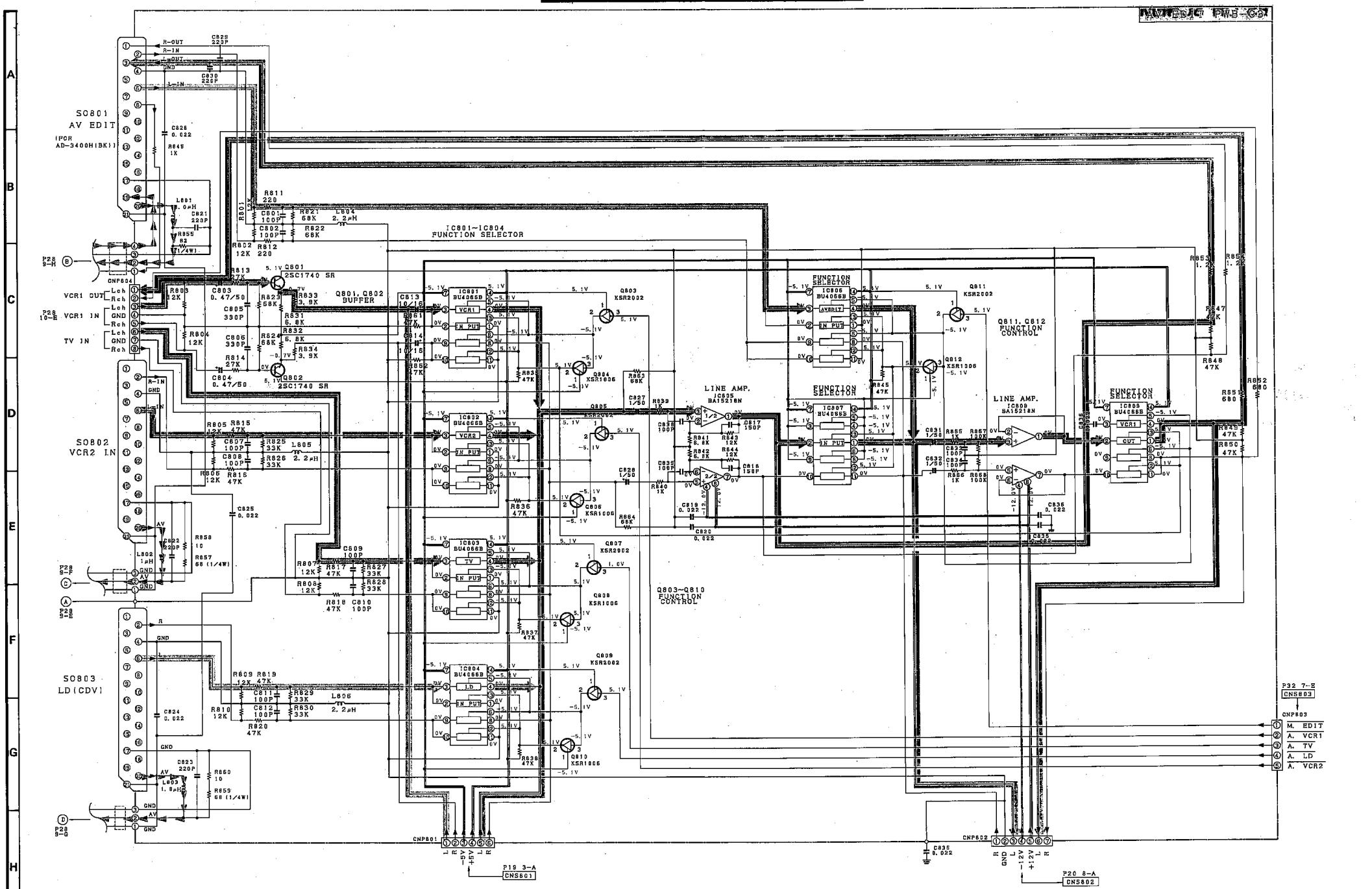
2SB1185 F
2SD2061 F
2SD1764



LT5H47B
LT3D43E
LT3H43E
GL8HY24T

Figure 21 WIRING SIDE OF P.W.BOARD (3/5)

—— +B ——— −B ►►► Video Signal ⟹ Other Audio Signal ⟹ Tuner Signal



Ⓔ ● NOTES ON SCHEMATIC DIAGRAM can be found on page 25, 26. Ⓓ ● ANMERKUNGEN ZUM SCHEMATISCHEN SCHALTPLAN stehen auf Seite 25, 26. Ⓕ ● REMARQUES CONCERNANT LE DIAGRAMME SCHÉMATIQUE sont indiquées à la page 25, 26.

Figure 23 SCHEMATIC DIAGRAM (3/5)

Ⓔ

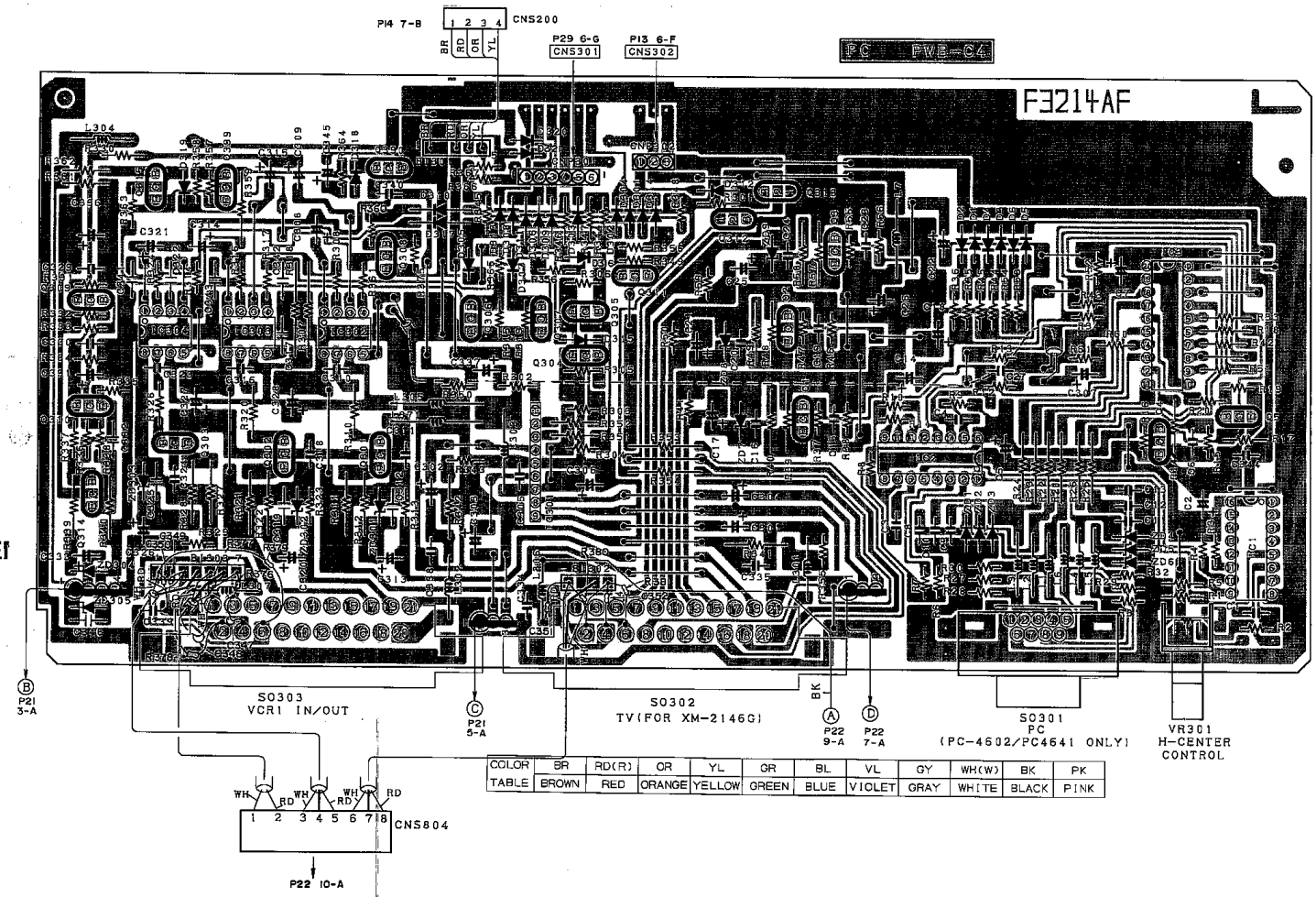
NOTES ON SCHEMATIC DIAGRAM

- Resistor:
  To differentiate the units of resistors, such symbol as K is used: the symbol K means 1000 ohm and the resistor without any symbol is ohm-type resistor.
- Capacitor:
  To indicate the unit of capacitor, a symbol P is used: this symbol P means micro-micro-farad and the unit of the capacitor without such a symbol is microfarad. As to electrolytic capacitor, the expression "capacitance/withstand voltage" is used.
  (CH), (TH), (RH), (UJ): Temperature compensation
  (ML): Mylar type
  (P.P.): Polypropylene type
- The indicated voltage in each section is the one measured by Digital Multimeter between such a section and the chassis with no signal given.
- Parts marked with "⚠" (▬) are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.
- Schematic diagram and Wiring Side of P.W.Board for this model are subject to change for improvement without prior notice.

Ⓓ

ANMERKUNGEN ZUM SCHEMATISCHEI SCHALTPLAN

- Widerstände:
  Um die Einheiten der Widerstände unter-scheiden zu können, werden Symbole wie K benutzt. Das Symbol K bedeutet 1000 Ohm Bei Widerständen ohne Symbol handelt es sich um ohmsche Widerstände.
- Kondensatoren:
  Zum Bezeichnen der Kondensatoreinheit wird das Symbol P benutzt; dieses Symbol P bedeutet Nanofard. Die Einheit eines Kondensators ohne Symbol ist Mikrofarad. Für Elektrolytkondensatoren wird die Be-zeichnung "Kapazität/ Stehspannung" benutzt.
  (CH), (TH), (RH), (UJ): Temperaturkompensation
  (ML): Mylarkondensator
  (P.P): Polypropylentyp
- Die in den einzelnen Teilen angegebenen Spannungen werden mit einem Digitalvielfachmeßgerät zwischen dem betreffen den Teil und dem Chassis ohne Signalzuleitung gemessen.
- Die mit ⚠ (▬) bezeichneten Teile sind besonders wichtig für die Aufrechterhaltung der Sicherheit. Beim Wechseln dieser Teile sollten die vorgeschriebenen Teile immer verwendet werden, um sowohl die Sicherheit als auch die Leistung des Gerätes aufrechtzuerhalten.
- Änderungen des schematischen Schaltplans und der Verdrahtungsseite der Leiterplatte für dieses Modell im Sinne von Verbesserungen jederzeit vorbehalten.



COLOR TABLE	BR BROWN	RD(R) RED	OR ORANGE	YL YELLOW	GR GREEN	BL BLUE	VL VIOLET	GY GRAY	WH(W) WHITE	BK BLACK	PK PINK

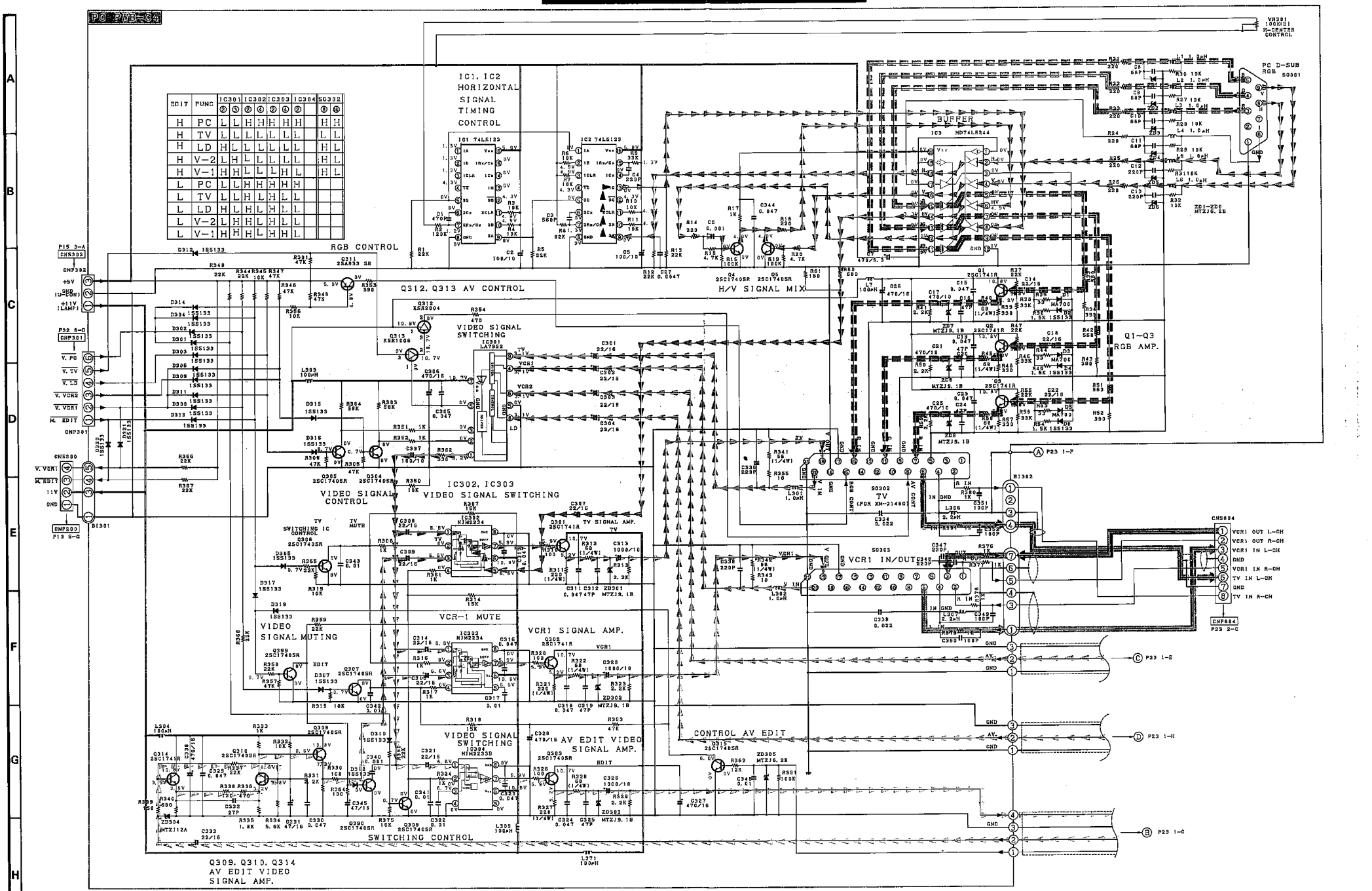
Ⓕ

REMARQUES CONCERNANT LE DIAGRAMME SCHÉMATIQUE

- Résistance:
  Pour différencier les unités de résistances, on utilise des symbole tels que K: le symbole K signifie 1000 ohms et la résistance donnée sans symbole est une résistance de type ohm.
- Condensateur:
  Pour indiquer l'unité de condensateur, on utilise le symbole P; ce symbole P signifie micro-microfarad, et l'unité de condensateur donnée sans ce symbole est le microfarad. En ce qui concerne le condensateur électrolytique, on utilise l'expression "tension de régime/capacité"
  (CH), (TH), (RH), (UJ): Compensation de température
  (ML): Condensateur Mylar
  (P.P): Type Polypropyléne
- La tension indiquée dans chaque section est celle mesurée par un multimètre numérique entre la section en question et le châssis, en l'absence de tout signal.
- Les pièces portant la marque ⚠ (▬) sont particulièrement importantes pour le maintien de la sécurité. S'assurer de les remplacer par des pièces du numéro de pièce spécifié pour maintenir la sécurité et la performance de l'appareil.
- Le diagramme schématque et le côté câblage de la PMI de ce modèle sont sujets à modifications sans préavis pour l'amélioration de ce produit.

Figure 25 WIRING SIDE OF P.W.BOARD (4/5)

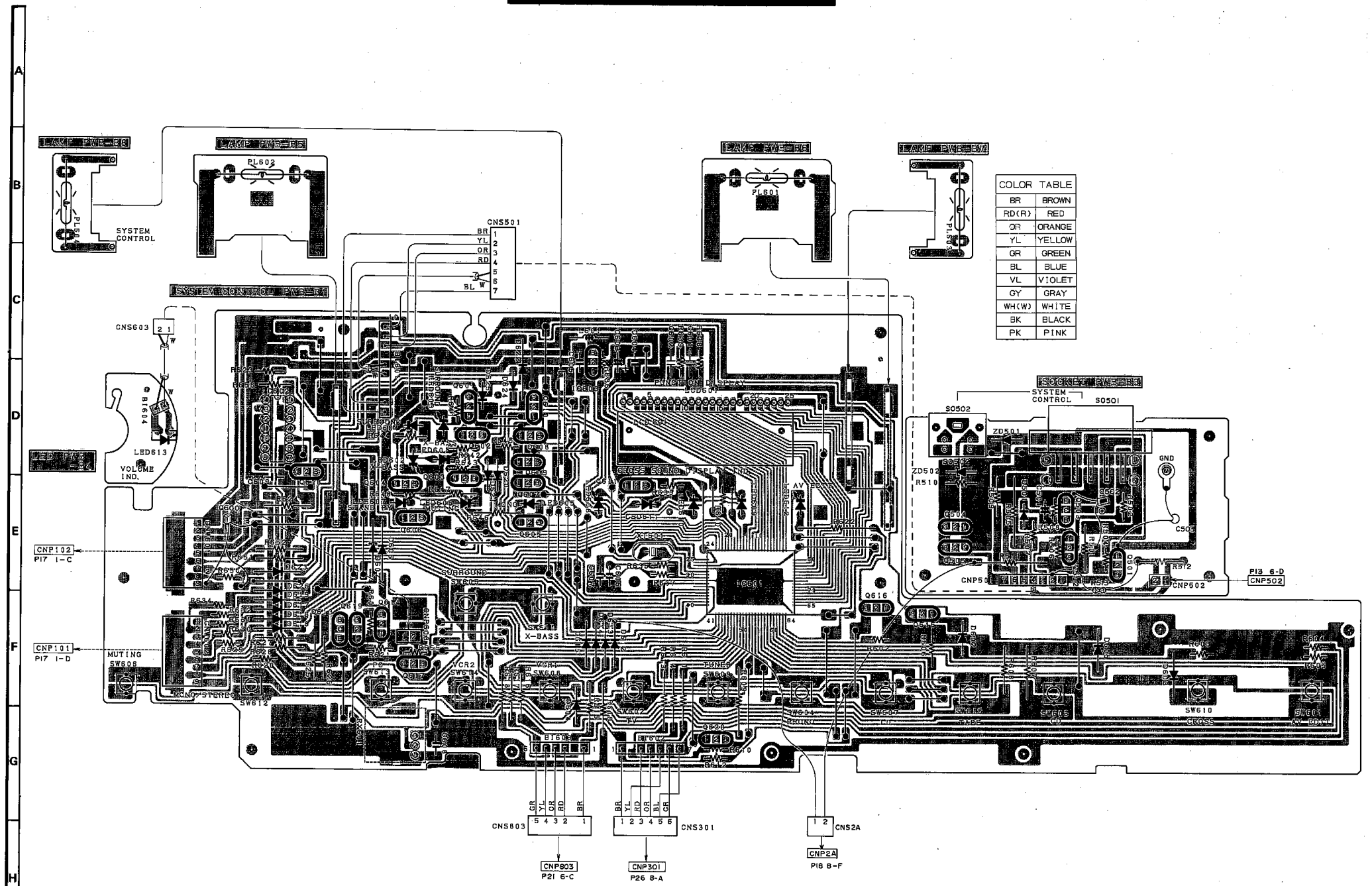
+B ► ► ► H/V Signal RGB Signal ▷ ▷ ▷ Video Signal Other Audio Signal



EDIT	FUNC	IC301	IC302	IC303	IC304	SO302
		② ③ ⑤	① ④ ⑥	① ④ ⑥	②	⑨ ⑩
H	PC	L	L	H	H	H	H		H	H
H	TV	L	L	L	L	L	L		L	L
H	LD	H	L	L	L	L	L		H	L
H	V-2	L	H	L	L	L	L		H	L
H	V-1	H	H	L	L	H	L		H	L
L	PC	L	L	H	H	H	H			
L	TV	L	L	H	L	H	L			
L	LD	H	L	H	L	H	L			
L	V-2	L	H	H	L	H	L			
L	V-1	H	H	H	L	H	H			

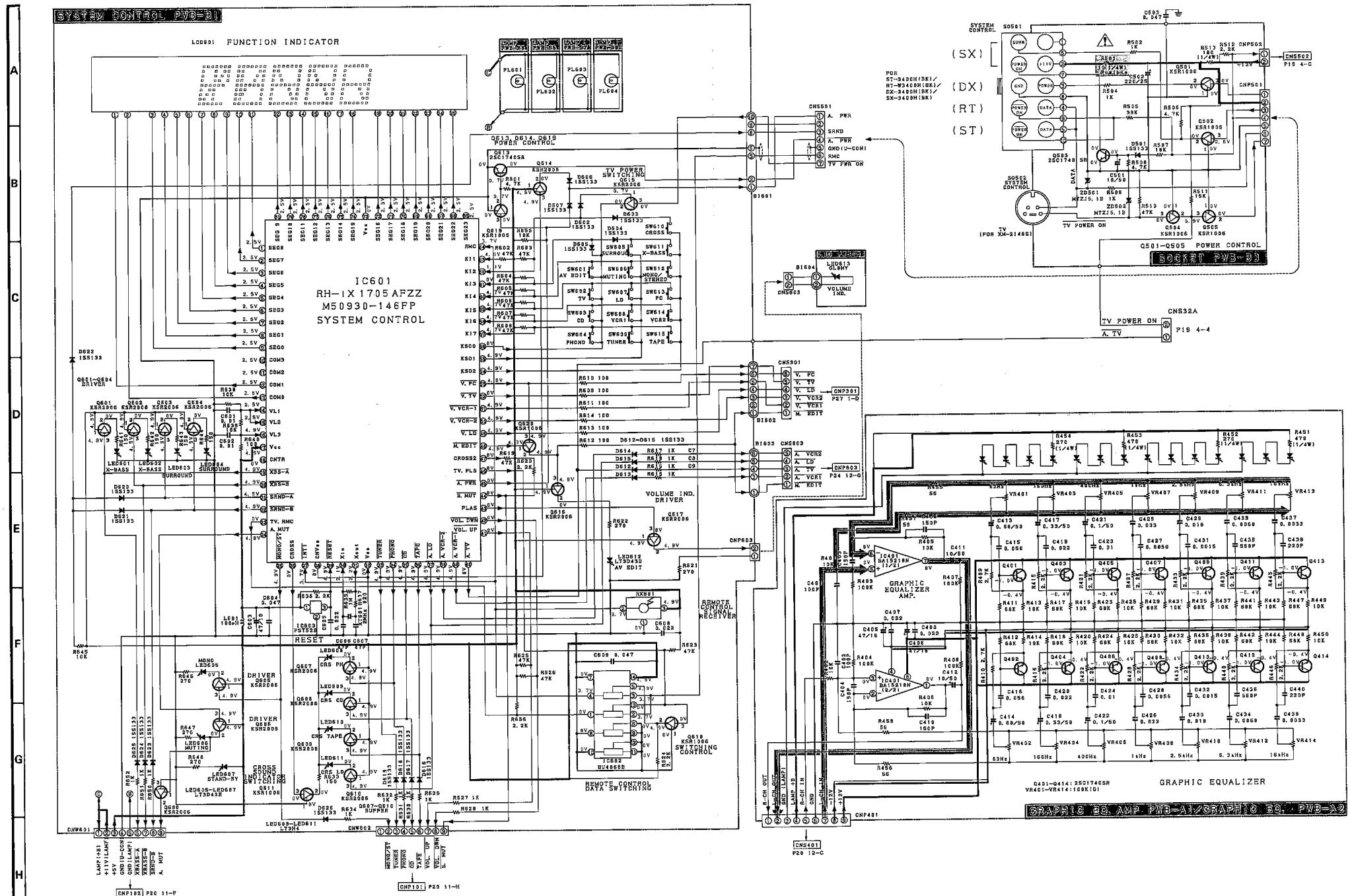
(E) ● NOTES ON SCHEMATIC DIAGRAM can be found on page 25, 26. (D) ● ANMERKUNGEN ZUM SCHEMATISCHEN SCHALTPLAN stehen auf Seite 25, 26. (F) ● REMARQUES CONCERNANT LE DIAGRAMME SCHÉMATIQUE sont indiquées à la page 25, 26.

Figure 27 SCHEMATIC DIAGRAM (4/5)



COLOR TABLE	
BR	BROWN
RD(R)	RED
OR	ORANGE
YL	YELLOW
GR	GREEN
BL	BLUE
VL	VIOLET
GY	GRAY
WH(W)	WHITE
BK	BLACK
PK	PINK

Figure 29 WIRING SIDE OF P.W.BOARD (5/5)



(E) ● NOTES ON SCHEMATIC DIAGRAM can be found on page 25, 26. (D) ● ANMERKUNGEN ZUM SCHEMATISCHEN SCHALTPLAN stehen auf Seite 25, 26. (F) ● REMARQUES CONCERNANT LE DIAGRAMME SCHÉMATIQUE sont indiquées à la page 25, 26.

Figure 31 SCHEMATIC DIAGRAM (5/5)

Ⓔ FUNCTION TABLE OF IC

IC601 RH-iX1705AFZZ(M50930-146FP)

Pin No.	Terminal Name	Input/Output	Funtion
1-9	SEG0-8	Output	LCD segment output
10,11*	COM3,2	Output	LCD common output
12,13	COM1,0	Output	LCD common output
14-16	VL1-3	Input	Power supply input for LCD
17	Vcc	—	Connect to the power supply (+5 V).
18*	CNTR	—	Not used. Open
19	$\overline{\text{XBS-A}}$	Output	X-BASS-A control output
20	$\overline{\text{XBS-B}}$	Output	X-BASS-B control output
21	$\overline{\text{SRND-A}}$	Output	Surround-A control output
22	$\overline{\text{SRND-B}}$	Output	Surround-B control output
23	TV.RMC	Output	TV remote control output
24	$\overline{\text{A.MUT}}$	Output	Audio muting output
25	$\overline{\text{MONO/ST}}$	Output	Mono/Stereo output
26	CROSS	Output	CROSS SOUND control output
27	INT1	Input	Remote control data input
28	CNVss	—	Connect to ground.
29	$\overline{\text{RESET}}$	Input	Reset input
30	Xin	Input	Input terminal for built-in clock circuit Connect the ceramic resonator (2 MHz).
31	Xout	Output	Output terminal for built-in clock circuit Connect the ceramic resonator (2 MHz).
32	Vss	—	Connect to ground.
33	$\overline{\text{TUNER}}$	Output	TUNER control output
34	$\overline{\text{PHONO}}$	Output	PHONO control output
35	$\overline{\text{CD}}$	Output	CD control output
36	$\overline{\text{TAPE}}$	Output	TAPE control output
37	$\overline{\text{A.LD}}$	Output	LD (Audio) control output
38	$\overline{\text{A.VCR2}}$	Output	VCR2 (Audio) control output
39	$\overline{\text{A.VCR1}}$	Output	VCR1 (Audio) control output
40	$\overline{\text{A.TV}}$	Output	TV (Audio) control output
41	VOL.UP	Output	Volume up output
42	VOL.DWN	Output	Volume down output
43	FLAS	Output	Volume indicator flushing output
44	S.MUT	Output	System muting output
45	$\overline{\text{A.PWR}}$	Output	Power ON/OFF output
46	TV.PLS	Output	TV control pulse output
47*	CROSS2	Output	CROSS SOUND 2 control output
48	$\overline{\text{AV EDIT}}$	Output	AV EDIT control output
49	$\overline{\text{V.LD}}$	Output	LD (VISUAL) control output
50	$\overline{\text{V.VCR2}}$	Output	VCR2 (VISUAL) control output
51	$\overline{\text{V.VCR1}}$	Output	VCR1 (VISUAL) control output
52	$\overline{\text{V.TV}}$	Output	TV (VISUAL) control output
53	$\overline{\text{PC}}$	Output	PC control output
54-56	KSO2-0	Output	Key matrix output
57-63	KI7-1	Input	Key matrix input
64	RMC	Input	Remote control data input
65*	SEG23	Output	LCD segment output
66-72	22-16	Output	LCD segment output
73	Vss	—	Connect to ground.
74-80	SEG15-9	Output	LCD segment output

In this unit, the terminal with asterisked mark (*) is (open) terminal which is not connected to the outside.

Ⓓ FUNKTIONSTABELLE DER INTEGRIERTEN SCHALTUNG

IC601 RH-iX1705AFZZ(M50930-146FP)

Stift Nr.	Anschluß-bezeichnung	Eingang/Ausganng	Funktion
1-9	SEG0-8	Ausgang	LCD-Segmentausgang
10,11,*	COM3,2	Ausgang	Gemeinsamer Ausgang von LCD
12,13	COM1,0	Ausgang	Gemeinsamer Ausgang von LCD
14-16	VL1-3	Eingang	Spannungsversorgungseingang für LCD
17	Vcc	—	Anschluß an Spannungsversorgung (+5 V)
18*	CNTR	—	Nicht belegt. Offen
19	$\overline{\text{XBS-A}}$	Ausgang	X-BASS-A-Steuerungsausgang
20	$\overline{\text{XBS-B}}$	Ausgang	X-BASS-B-Steuerungsausgang
21	$\overline{\text{SRND-A}}$	Ausgang	Surround-A-Steuerungsausgang
22	$\overline{\text{SRND-B}}$	Ausgang	Surround-B-Steuerungsausgang
23	TV.RMC	Ausgang	TV-Fernbedienungsausgang
24	$\overline{\text{A-MUT}}$	Ausgang	Tondämpfungsausgang
25	$\overline{\text{MONO/ST}}$	Ausgang	Mono/Stereo-Ausgang
26	CROSS	Ausgang	Querverbindungs-Klangsteuerungsausgang
27	INT1	Eingang	Fernbedienungs-Dateneingabe
28	CNVss	—	Anschluß an Masse
29	$\overline{\text{RESET}}$	Eingang	Nullstellungseingang
30	Xin	Eingang	Eingangsklemme für eingebaute Taktschaltung. Anschluß des Keramikresonators (2 MHz).
31	Xout	Ausgang	Ausgangsklemme für eingebaute Taktschaltung. Anschluß des Keramikresonators (2 MHz).
32	Vss	—	Anschluß an Masse
33	$\overline{\text{TUNER}}$	Ausgang	TUNER-Steuerungsausgang
34	$\overline{\text{PHONO}}$	Ausgang	PHONO-Steuerungsausgang
35	$\overline{\text{CD}}$	Ausgang	CD-Steuerungsausgang
36	$\overline{\text{TAPE}}$	Ausgang	TAPE-Steuerungsausgang
37	$\overline{\text{A.LD}}$	Ausgang	LD(Ton)-Steuerungsausgang
38	$\overline{\text{A.VCR2}}$	Ausgang	VCR2(Ton)-Steuerungsausgang
39	$\overline{\text{A.VCR1}}$	Ausgang	VCR1(Ton)-Steuerungsausgang
40	$\overline{\text{A.TV}}$	Ausgang	TV(Ton)-Steuerungsausgang
41	VOL.UP	Ausgang	Lautstärke-Anhebungsausgang
42	VOL.DWN	Ausgang	Lautstärke-Absenkungsausgang
43	FLAS	Ausgang	Lautstärkeanzeige-Blinkausgang
44	S.MUT	Ausgang	System-Stummschaltungsausgang
45	$\overline{\text{A.PWR}}$	Ausgang	Ein-/Ausschaltungsausgang
46	TV.PLS	Ausgang	TV-Steuerimpulsausgang
47*	CROSS2	Ausgang	CROSS SOUND 2 Steuerungsausgang
48	$\overline{\text{AV EDIT}}$	Ausgang	AV EDIT Steuerungsausgang
49	$\overline{\text{V.LD}}$	Ausgang	LD(Bild)-Steuerungsausgang
50	$\overline{\text{V.VCR2}}$	Ausgang	VCR2(Bild)-Steuerungsausgang
51	$\overline{\text{V.VCR1}}$	Ausgang	VCR1(Bild)-Steuerungsausgang
52	$\overline{\text{V.TV}}$	Ausgang	TV(Bild)-Steuerungsausgang
53	$\overline{\text{PC}}$	Ausgang	PC-Steuerungsausgang
54-56	KSO2-0	Ausgang	Tastenmatrixausgang
57-63	KI7-1	Eingang	Tastenmatrixeingang
64	RMC	Eingang	Fernbedienungs-Dateneingabe
65*	SEG23	Ausgang	LCD-Segmentausgang
66-72	SEG22-16	Ausgang	LCD-Segmentausgang
73	Vss	—	Anschluß an Masse
74-80	SEG15-9	Ausgang	LCD-Segmentausgang

Indiesen Gerät entspricht die Klemme mit Sternchen (*) offener Klemme, die an die Außenseite nicht angeschlosen wird.

Ⓕ

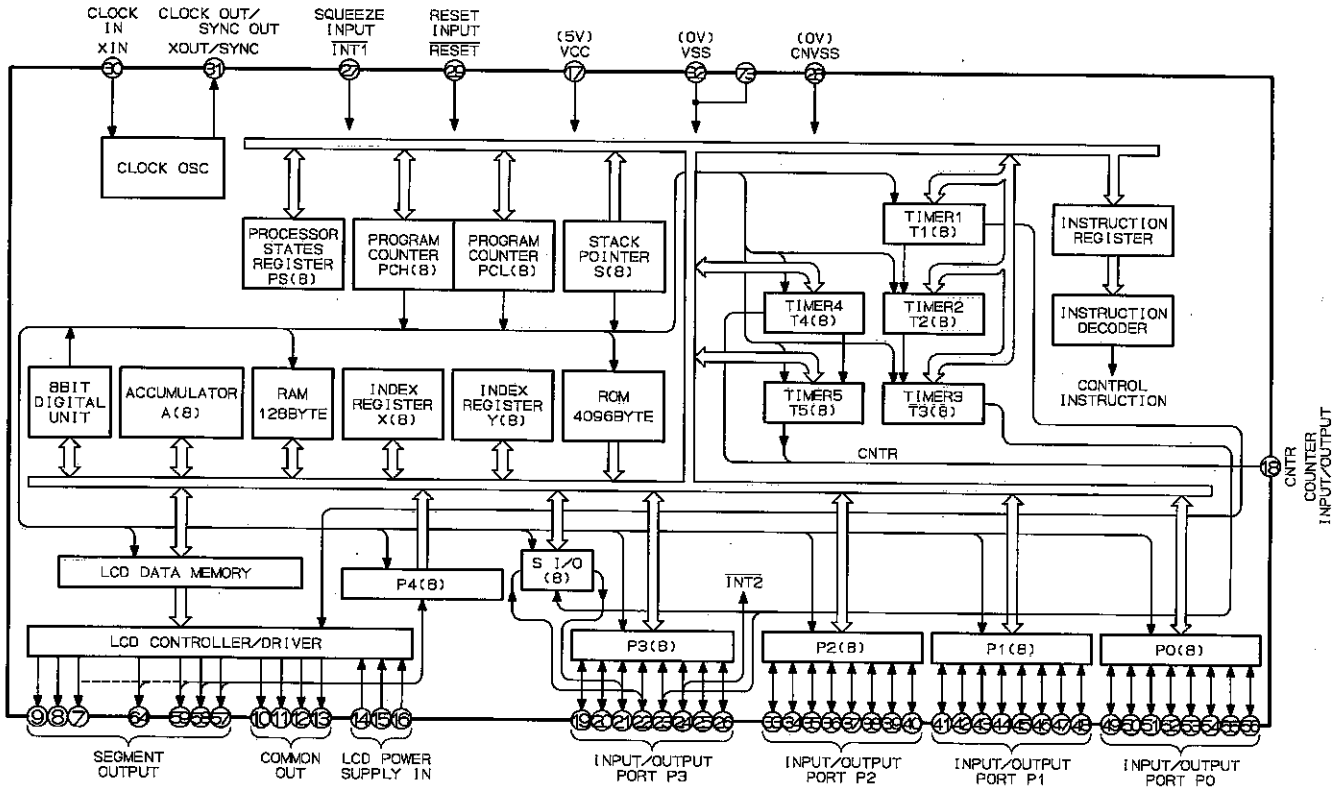
TABLEAU DE FONCTION POUR IC

IC601 RH-iX1705AFZZ(M50930-146FP)

N° de broche	Nom de borne	Entrée/sortie	Fonction
1-9	SEG0-8	Sortie	Sortie de segment LCD
10.11*	COM3,2	Sortie	Sortie commune LCD
12,13	COM1,0	Sortie	Sortie commune LCD
14-16	VL1-3	Entrée	Entrée d'alimentation pour LCD
17	Vcc	–	Relier à l'alimentation (+5 V)
18*	CNTR	–	Non utilisée. Ouvrir.
19	$\overline{\text{XBS-A}}$	Sortie	Sortie de commande X-BASS-A
20	$\overline{\text{XBS-B}}$	Sortie	Sortie de commande X-BASS-B
21	$\overline{\text{SRND-A}}$	Sortie	Sortie de commande surround A
22	$\overline{\text{SRND-B}}$	Sortie	Sortie de commande surround B
23	TV.RMC	Sortie	Sortie de la télécommande TV
24	A.MUT	Sortie	Sortie de réglage silencieux audio
25	$\overline{\text{MONO/ST}}$	Sortie	Sortie mono/stéréo
26	CROSS	Sortie	Sortie de commande de son croisé
27	INT1	Entrée	Entrée des données de la télécommande
28	CNVss	–	Relier à la terre.
29	$\overline{\text{RESET}}$	Entrée	Entrée de remise à zéro
30	Xin	Entrée	Borne d'entrée pour le circuit d'horloge incorporée. Relier le résonateur céramique (2 MHz).
31	Xout	Sortie	Borne de sortie pour le circuit d'horloge incorporée. Relier le résonateur céramique (2 MHz).
32	Vss	–	Relier à la terre.
33	$\overline{\text{TUNER}}$	Sortie	Sortie de commande TUNER
34	$\overline{\text{PHONO}}$	Sortie	Sortie de commande PHONO
35	$\overline{\text{CD}}$	Sortie	Sortie de commande CD
36	$\overline{\text{TAPE}}$	Sortie	Sortie de commande TAPE
37	$\overline{\text{A.LD}}$	Sortie	Sortie de commande LD (audio)
38	$\overline{\text{A.VCR2}}$	Sortie	Sortie de commande VCR2 (audio)
39	$\overline{\text{A.VCR1}}$	Sortie	Sorite de commande VCR1 (audio)
40	$\overline{\text{A.TV}}$	Sortie	Sortie de commande TV (audio)
41	VOL.UP	Sortie	Sortie de volume haut
42	VOL.DWN	Sortie	Sortie de volume bas
43	FLAS	Sortie	Sortie de clignotement du voyant de volume
44	S.MUT	Sortie	Sortie de réglage silencieux du système
45	$\overline{\text{A.PWR}}$	Sortie	Sortie marche/arrêt
46	TV.PLS	Sortie	Sortie d'impulsion de commande TV
47*	CROSS2	Sortie	Sortie de commande de son croisé 2
48	$\overline{\text{AV EDIT}}$	Sortie	Sortie de commande AV EDIT
49	$\overline{\text{V.LD}}$	Sortie	Sortie de commande LD (visuel)
50	$\overline{\text{V.VCR2}}$	Sortie	Sortie de commande VCR2 (visuel)
51	$\overline{\text{V.VCR1}}$	Sortie	Sortie de commande VCR1 (visuel)
52	$\overline{\text{V.TV}}$	Sortie	Sortie de commande TV (visuel)
53	$\overline{\text{PC}}$	Sortie	Sortie de commande PC
54-56	KSO2-0	Sortie	Sortie de matrice de touche
57-63	KI7-1	Entrée	Entrée de matrice de touche
64	RMC	Entrée	Entrée des données de la télécommande
65*	SEG23	Sortie	Sortie de segment LCD
66-72	22-16	Sortie	Sortie de segment LCD
73	Vss	–	Relier à la terre
74-80	SEG15-9	Sortie	Sortie de segment LCD

Sur ce modèle, la borne marquée d'un astérisque (*) est une borne ouverte qui n'acepte rien d'extérieur.

IC601 RH-iX1705AFZZ (M50930-146FP)



IC1,2 VHi74LS123/-1 (74LS123)

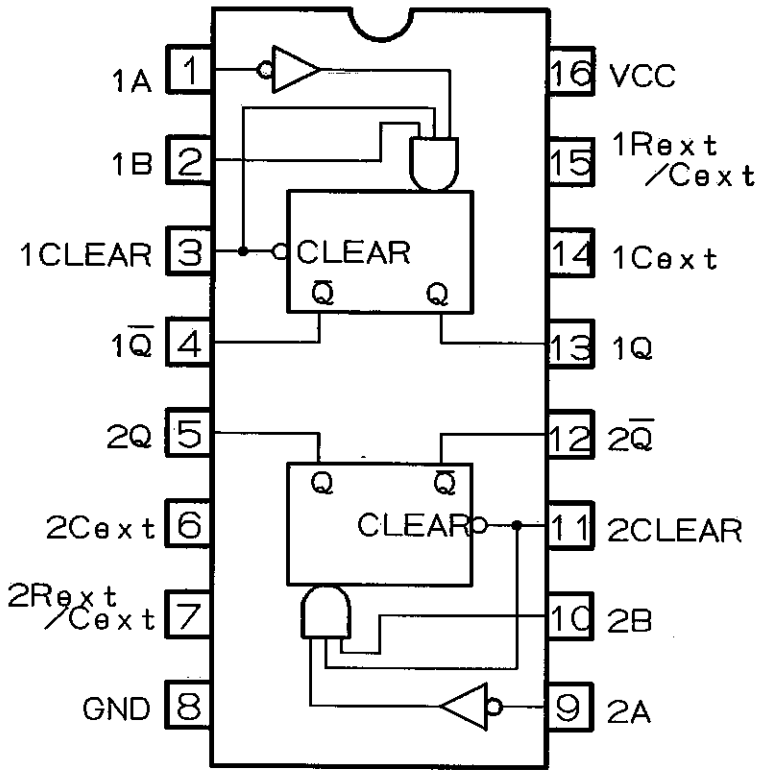


Figure 36 BLOCK DIAGRAM OF IC

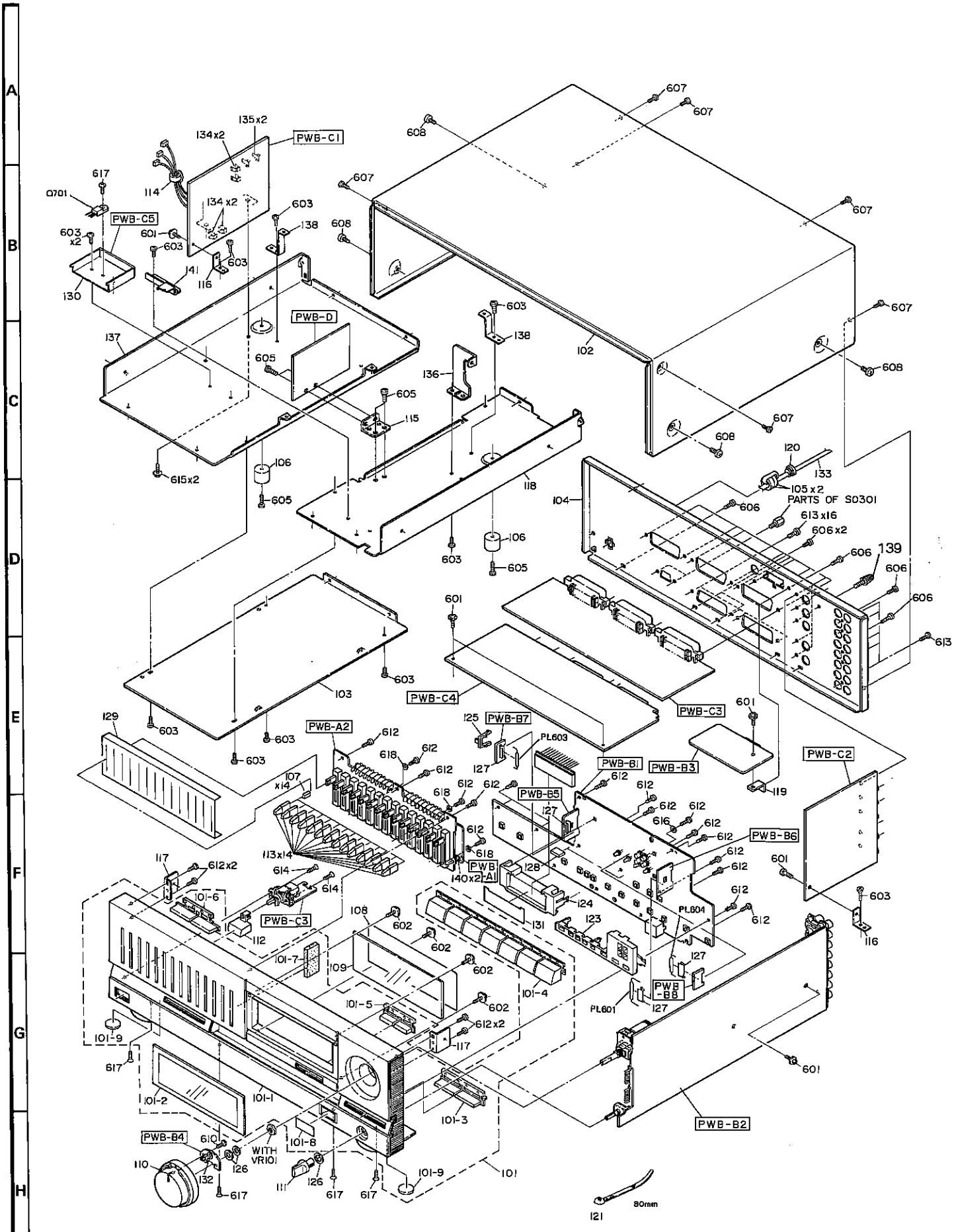


Figure 37 CABINET EXPLODED VIEW

Ⓔ

REPLACEMENT PARTS LIST

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following information.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION

★MARK:
SPARE PARTS-DELIVERY SECTION

NOTE:
Parts marked with "⚠" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

Ⓓ

ERSATZTEILLISTE

"BESTELLEN VON ERSATZTEILEN"

Um Ihren Auftrag schnell und richtig ausführen zu können, bitten wir um die folgenden Angaben.

1. MODELLNUMMER
2. REF. NR.
3. TEIL NR.
4. BESCHREIBUNG

★MARKIERUNG:
ERSATZTEILE-LIEFERUNG

ANMERKUNGEN:
Die mit "⚠" bezeichneten Teile sind besonders wichtig für die Aufrechterhaltung der Sicherheit. Beim Wechseln dieser Teile sollten die vorgeschriebenen Teile immer verwendet werden, um sowohl die Sicherheit als auch die Leistung des Gerätes aufrechtzuerhalten.

Ⓕ

LISTE DES PIÈCES DE RECHANGE

"COMMENT COMMANDER DES PIÈCES DE RECHANGE"

Pour voir votre commande exécutée de manière rapide et correcte, veuillez fournir les renseignements suivants.

1. NUMÉRO DU MODÈLE
2. N° DE RÉFÉRENCE
3. N° DE LA PIÈCE
4. DESCRIPTION

★REMAROUE:
Pieces de rechange-Section de livraison

NOTE:
Les pièces portant la marque "⚠" sont particulièrement importantes pour le maintien de la sécurité. S'assurer de les remplacer par des pièces du numéro de pièce spécifié pour maintenir la sécurité et la performance de l'appareil.

REF.NO.	PART NO.	★	DESCRIPTION	CODE
	INTEGRATED CIRCUITS			
IC1,2	VHiT74LS123/-1	J	Multi-Vibrator,74LS123	A L
IC1A	VHiLA3226T/-1	J	ALC Amp.,LA3226T	A D
IC3	VHiT74LS244/-1	J	Inverter,HD74LS244	A M
IC101	VHiBA15218N-1	J	Ope Amp.,BA15218N	A D
IC102~105	VHiBU4066B/-1	J	Function Selector,BU4066B	A F
IC106	VHiBA15218N-1	J	Ope Amp.,BA15218N	A G
IC107,108	VHiBU4066B/-1	J	Function Selector,BU4066B	A F
IC109	VHiBA15218N-1	J	Ope Amp.,BA15218N	A D
IC110	VHiBU4066B/-1	J	Function Selector,BU4066B	A F
IC111	VHiLB1641//-1	J	Motor Driver,LB1641	A F
IC112	VHiBA15218N-1	J	Ope Amp.,BA15218N	A D
IC201~206	VHiNJM2245/-1	J	Switching,NJM2245	A G
IC301	VHiLA7952//-1	J	Switching,LA7952	A G
IC302,303	VHiNJM2234/-1	J	Switching,NJM2234	A F
IC304	VHiNJM2233B-1	J	Switching,NJM2233B	A E
IC401	VHiBA15218N-1	J	Ope Amp.,BA15218N	A D
IC601	RH-iX1705AFZZ	J	System Control Microcomputer, M50930-146FP	A W
IC602	VHiBU4066B/-1	J	Function Selector,BU4066B	A F
IC603	VHiPST529D/-1	J	Reset,PST529	A E
IC701	VHiDBL7805/-1	J	Voltage Regulator,DBL7805	A G
IC801,802	VHiBU4066B/-1	J	Function Selector,BU4066B	A F
IC803	VHiBU4066B/-1	J	Function Selector,BU4066B	A F
IC804	VHiBU4066B/-1	J	Function Selector,BU4066B	A F
IC805	VHiBA15218N-1	J	Ope Amp.,BA15218N	A D
IC806,807	VHiBU4066B/-1	J	Function Selector,BU4066B	A F
IC808	VHiBA15218N-1	J	Ope Amp.,BA15218N	A D
IC809	VHiBU4066B/-1	J	Function Selector,BU4066B	A F
	TRANSISTORS			
Q1~3	VS2SC1741R/-1	J	Silicon,NPN,2SC1741R	A B
Q1A,2A	VSKTC2878B/-1	J	Silicon,NPN,KTC2878 B	A C
Q3A	VSKSR1004//-1	J	Digital,NPN,KSR1004	A B
Q4,5	VS2SC1740SR-1	J	Silicon,NPN,2SC1740 SR	A B
Q4A	VS2SA933SR/-1	J	Silicon,PNP,2SA933 SR	A B
Q5A	VSKSR2006//-1	J	Digital,PNP,KSR2006	A B
Q101,102	VS2SC1740SR-1	J	Silicon,NPN,2SC1740 SR	A B
Q103	VSKSR2002//-1	J	Digital,PNP,KSR2002	A C
Q104	VSKSR1006//-1	J	Digital,NPN,KSR1006	A B
Q105	VSKSR2002//-1	J	Digital,PNP,KSR2002	A C
Q106	VSKSR1006//-1	J	Digital,NPN,KSR1006	A B
Q107	VSKSR2002//-1	J	Digital,PNP,KSR2002	A C
Q108	VSKSR1006//-1	J	Digital,NPN,KSR1006	A B
Q109	VSKSR2002//-1	J	Digital,PNP,KSR2002	A C
Q110	VSKSR1006//-1	J	Digital,NPN,KSR1006	A B
Q111,112	VSKSR2002//-1	J	Digital,PNP,KSR2002	A C
Q115~118	VS2SC1740SR-1	J	Silicon,NPN,2SC1740 SR	A B
Q121,122	VSKTC2878B/-1	J	Silicon,NPN,KTC2878 B	A C
Q123,124	VSKSR2002//-1	J	Digital,PNP,KSR2002	A C
Q201~206	VS2SC1741R/-1	J	Silicon,NPN,2SC1741R	A B
Q207~213	VS2SC1740SR-1	J	Silicon,NPN,2SC1740 SR	A B
Q301~303	VS2SC1741R/-1	J	Silicon,NPN,2SC1741R	A B
Q304~308	VS2SC1740SR-1	J	Silicon,NPN,2SC1740 SR	A B
Q309	VS2SC1740SR-1	J	Silicon,NPN,2SC1740 SR	A B
Q310	VS2SC1740SR-1	J	Silicon,NPN,2SC1740 SR	A B
Q311	VS2SA933SR/-1	J	Silicon,PNP,2SA933 SR	A B
Q312	VSKSR2004//-1	J	Digital,PNP,KSR2004	A B
Q313	VSKSR1006//-1	J	Digital,NPN,KSR1006	A B
Q314	VS2SC1741R/-1	J	Silicon,NPN,2SC1741R	A B
Q315	VS2SC1740SR-1	J	Silicon,NPN,2SC1740 SR	A B
Q390	VS2SC1740SR-1	J	Silicon,NPN,2SC1740 SR	A B
Q399	VS2SC1740SR-1	J	Silicon,NPN,2SC1740 SR	A B
Q401~414	VS2SC1740SR-1	J	Silicon,NPN,2SC1740 SR	A B
Q501,502	VSKSR1006//-1	J	Digital,NPN,KSR1006	A B
Q503	VS2SC1740SR-1	J	Silicon,NPN,2SC1740 SR	A B
Q504,505	VSKSR1006//-1	J	Digital,NPN,KSR1006	A B
Q600	VSKSR2002//-1	J	Digital,PNP,KSR2002	A C
Q601~610	VSKSR2006//-1	J	Digital,PNP,KSR2006	A B
Q611	VSKSR1006//-1	J	Digital,NPN,KSR1006	A B
Q613	VS2SC1740SR-1	J	Silicon,NPN,2SC1740 SR	A B
Q614~617	VSKSR2006//-1	J	Digital,PNP,KSR2006	A B
Q618~620	VSKSR1006//-1	J	Digital,NPN,KSR1006	A B
Q701	VS2SD1764//-1	J	Silicon,NPN,2SD1764	A H
Q703	VS2SD2061F/-1	J	Silicon,NPN,2SD2061 F	A G
Q704	VS2SB1185F/-1	J	Silicon,PNP,2SB1185 F	A K
Q705	VSKSR2002//-1	J	Digital,PNP,KSR2002	A C
Q706	VSKSR1004//-1	J	Digital,NPN,KSR1004	A B
Q707	VSKSR1006//-1	J	Digital,NPN,KSR1006	A B
Q801,802	VS2SC1740SR-1	J	Silicon,NPN,2SC1740 SR	A B
Q803	VSKSR2002//-1	J	Digital,PNP,KSR2002	A C
Q804	VSKSR1006//-1	J	Digital,NPN,KSR1006	A B
Q805	VSKSR2002//-1	J	Digital,PNP,KSR2002	A C
Q806	VSKSR1006//-1	J	Digital,NPN,KSR1006	A B
Q807	VSKSR2002//-1	J	Digital,PNP,KSR2002	A C
Q808	VSKSR1006//-1	J	Digital,NPN,KSR1006	A B

REF.NO.	PART NO.	★	DESCRIPTION	CODE
Q809	VSKSR2002//-1	J	Digital,PNP,KSR2002	A C
Q810	VSKSR1006//-1	J	Digital,NPN,KSR1006	A B
Q811	VSKSR2002//-1	J	Digital,PNP,KSR2002	A C
Q812	VSKSR1006//-1	J	Digital,NPN,KSR1006	A B

DIODES

D1	VHDMA700///-1	J	Silicon,MA700	A B
D1A~3A	VHD1SS133//-1	J	Silicon,1SS133	A A
D2	VHD1SS133//-1	J	Silicon,1SS133	A A
D3	VHDMA700///-1	J	Silicon,MA700	A B
D4	VHD1SS133//-1	J	Silicon,1SS133	A A
D5	VHDMA700///-1	J	Silicon,MA700	A B
D6	VHD1SS133//-1	J	Silicon,1SS133	A A
D102,103	VHD1SS133//-1	J	Silicon,1SS133	A A
D201~203	VHD1SS133//-1	J	Silicon,1SS133	A A
D205	VHD1SS133//-1	J	Silicon,1SS133	A A
D275	VHD1SS133//-1	J	Silicon,1SS133	A A
D301~319	VHD1SS133//-1	J	Silicon,1SS133	A A
D320	VHD1SS133//-1	J	Silicon,1SS133	A A
D321	VHD1SS133//-1	J	Silicon,1SS133	A A
D501	VHD1SS133//-1	J	Silicon,1SS133	A A
D602~608	VHD1SS133//-1	J	Silicon,1SS133	A A
D612~626	VHD1SS133//-1	J	Silicon,1SS133	A A
D701~708	VHD1N4002//-1	J	Silicon,1N4002	A C
LED601~604	VHPLT5H47B/-1	J	LED,Yellow LT5H47B	A B
LED605~607	VHPLT3D43E/-1	J	LED,Red LT3D43E	A B
LED608~611	VHPLT3H43E/-1	J	LED,Yellow LT3H43E	A B
LED612	VHPLT3D43E/-1	J	LED,Red LT3D43E	A B
LED613	VHPGL8HY24T-1	J	LED,Yellow GL8HY24T	A B
ZD1~6	VHEMTZJ6R2B-1	J	Zener,6.2V,MTZJ6.2B	A C
ZD7~9	VHEMTZJ9R1B-1	J	Zener,9.1V,MTZJ9.1B	A B
ZD101,102	VHEMTZJ5R1B-1	J	Zener,5.1V,MTZJ5.1B	A C
ZD103	VHEMTZJ3R9B-1	J	Zener,3.9V,MTZJ3.9B	A C
ZD201~206	VHEMTZJ9R1B-1	J	Zener,9.1V,MTZJ9.1B	A B
ZD250~253	VHEMTZJ120A-1	J	Zener,12V,MTZJ12A	A A
ZD255~257	VHEMTZJ120A-1	J	Zener,12V,MTZJ12A	A A
ZD259	VHEMTZJ120A-1	J	Zener,12V,MTZJ12A	A A
ZD301~303	VHEMTZJ9R1B-1	J	Zener,9.1V,MTZJ9.1B	A B
ZD304	VHEMTZJ120A-1	J	Zener,12V,MTZJ12A	A A
ZD305	VHEMTZJ6R2B-1	J	Zener,6.2V,MTZJ6.2B	A C
ZD501,502	VHEMTZJ5R1B-1	J	Zener,5.1V,MTZJ5.1B	A C
ZD701	VHEMTZJ120C-1	J	Zener,12V,MTZJ12C	A C
ZD702,703	VHEMTZJ130A-1	J	Zener,13V,MTZJ13A	A C

TRANSFORMER

⚠T701	RTRNP1665AFZZ	J	Power	B C

COILS

L1~6	VP-DH1R0M0000	J	1 μH,Choke	A B
L7	VP-CH101K0000	J	100 μH,Choke	A B
L101	VP-DH2R2M0000	J	2.2 μH,Choke	A B
L102~104	VP-DH2R2M0000	J	2.2 μH,Choke	A B
L106,107	VP-CH101K0000	J	100 μH,Choke	A B
L108	VP-DH2R2M0000	J	2.2 μH,Choke	A B
L109	VP-CH101K0000	J	100 μH,Choke	A B
L110,111	VP-DH2R2M0000	J	2.2 μH,Choke	A B
L201,202	VP-CH101K0000	J	100 μH,Choke	A B
L203~206	VP-DH1R0M0000	J	1 μH,Choke	A B
L301,302	VP-DH1R0M0000	J	1 μH,Choke	A B
L303	VP-CH101K0000	J	100 μH,Choke	A B
L304	VP-DH101K0000	J	100 μH,Choke	A B
L305	VP-CH101K0000	J	100 μH,Choke	A B
L306,307	VP-DH2R2M0000	J	2.2 μH,Choke	A B
L371	VP-CH101K0000	J	100 μH,Choke	A B
L601	VP-CH101K0000	J	100 μH,Choke	A B
L801~803	VP-DH1R0M0000	J	1 μH,Choke	A B
L804~806	VP-DH2R2M0000	J	2.2 μH,Choke	A B

VARIABLE RESISTORS

VR1A,2A	RVR-M0851AFZZ	J	3 kohms (B) [ALC]	A B
VR101/M101	RVR-A0238AFZZ	J	100 kohm (A)×2 with Motor,Volume	A T
VR102	RVR-B0356AFZZ	J	100 kohm (W) [Balance]	A E
VR301	RVR-B0368AFZZ	J	100 kohm (B) [H Center Control]	A D
VR401~414	RVR-W0054AFZZ	J	100 kohm (G) with LED [Graphic Equalizer]	A H

VIBRATOR

XT601	RCRM-0060AFZZ	J	Ceramic,2 MHz	A H

CAPACITORS

There are two types of capacitors available and they can be identified from each other by reading their Part Numbers.

- Ceramic type capacitor;

A symbol "C" or "K" is given at the 3rd digit of its Part Number like "VCC (or K)·····J."

- Semiconductor type capacitor:

A symbol "T" is given at the 3rd digit of its Part Number like "VCT·····J."

The capacitance error of each capacitor is indicated by the symbol given at the 13th digit of the Part Number as follows:"J" (±5%), "K" (±10%), "M" (±20%), "N" (±30%), "C" (±0.25 pF), "D" (±0.5 pF), "Z" (+80−20%).

(Tubular type ceramic capacitor is identified by the symbol TV(TQ/CY) of the part NO. VC00TV(TQ/CY)0000000; this TV(TQ/CY) does not mean the lead wire.)

(Tubular type ceramic capacitor is identified by the symbol MF(MN) of the part NO. VC00MF(MN)0000000; this MF(MN) does not mean the lead wire.)

Unless otherwise specified, electrolytic capacitors are ±20% type.

C0A	RC-GZA106AF1H	J	10 μF,50V	A B
C1	VCCSPA1HL471J	J	470 pF,50V	A A
C1A,2A	RC-EZA225AF1H	J	2.2 μF,50V,Electrolytic	A B
C1B,2B	RC-GZA225AF1H	J	2.2 μF,50V,Electrolytic	A B
C2	RC-GZA107AF1A	J	100 μF,10V,Electrolytic	A B
C3	VCCSPA1HL561J	J	560 pF,50V	A A
C3A,4A	VCCSPA1HL101J	J	100 pF,50V	A A
C3B	RC-GZA476AF1C	J	47 μF,16V,Electrolytic	A B
C4	VCCSPA1HL221J	J	220 pF,50V	A A
C4B	GC-GZA227AF0J	J	220 μF,6.3V,Electrolytic	A B
C5	RC-GZA107AF1A	J	100 μF,10V,Electrolytic	A B
C5A~7A	RC-GZA336AF1C	J	33 μF,16V,Electrolytic	A B
C6	VCTYPA1EX102K	J	0.001 μF,25V	A A
C7	RC-GZA477AF0J	J	470 μF,6.3V,Electrolytic	A B
C8~11	VCCSPA1HL680J	J	68 pF,50V	A A
C8A,9A	RC-GZA106AF1H	J	10 μF,50V,Electrolytic	A B
C12,13	VCCSPA1HL221J	J	220 pF,50V	A A
C14	RC-GZA226AF1C	J	22 μF,16V,Electrolytic	A B
C15	VCKZPA1HF473Z	J	0.047 μF,50V	A A
C16	VCCSPA1HL470J	J	47 pF,50V	A A
C17	RC-GZA477AF1A	J	470 μF,10V,Electrolytic	A B
C18	RC-GZA226AF1C	J	22 μF,16V,Electrolytic	A B
C19	VCKZPA1HF473Z	J	0.047 μF,50V	A A
C20	VCCSPA1HL470J	J	47 pF,50V	A A
C21	RC-GZA477AF1A	J	470 μF,10V,Electrolytic	A B
C22	RC-GZA226AF1C	J	22 μF,16V,Electrolytic	A B
C23	VCKZPA1HF473Z	J	0.047 μF,50V	A A
C24	VCCSPA1HL470J	J	47 pF,50V	A A
C25	RC-GZA477AF1A	J	470 μF,10V,Electrolytic	A B
C26	RC-GZV477AF1C	J	470 μF,16V,Electrolytic	A C
C27	VCKZPA1HF472Z	J	0.0047 μF,50V	A A
C101,102	VCCSPA1HL331J	J	330 pF,50V	A A
C103,104	RC-GZA474AF1H	J	0.47 μF,50V,Electrolytic	A A
C105,106	RC-GZA476AF1C	J	47 μF,16V,Electrolytic	A B
C107~110	VCCSPA1HL101J	J	100 pF,50V	A A
C111,112	VCKYPA1HB102K	J	0.001 μF,50V	A A

REF.NO.	PART NO.	★	DESCRIPTION	CODE
C113,114	VCKZPA1HF473Z	J	0.047 μF,50V	A A
C115,116	VCCSPA1HL221J	J	220 pF,50V	A A
C119,120	RC-GZA476AF1C	J	47 μF,16V,Electrolytic	A B
C121,122	VCQYKA1HM822J	J	0.0082 μF,50V,Mylar	A B
C123,124	VCQYKA1HM222J	J	0.0022 μF,50V,Mylar	A B
C125,126	RC-GZA335AF1H	J	3.3 μF,50V,Electrolytic	A B
C127~129	VCTYBT1EF223Z	J	0.022 μF,25V	A A
C130	VCTYBT1EF223Z	J	0.022 μF,25V	A A
C131~138	VCKZPA1HF473Z	J	0.047 μF,50V	A A
C139,140	RC-GZA105AF1H	J	1 μF,50V,Electrolytic	A B
C141,142	VCCSPA1HL101J	J	100 pF,50V	A A
C145,146	VCCSPA1HL180J	J	18 pF,50V	A A
C147,148	VCKZPA1HF473Z	J	0.047 μF,50V	A A
C149,150	RC-GZA334AF1H	J	0.33 μF,50V,Electrolytic	A A
C151,152	RC-GZA684AF1H	J	0.68 μF,50V,Electrolytic	A B
C153,154	VCQYKA1HM563J	J	0.056 μF,50V,Mylar	A B
C155,156	RC-GZA684AF1H	J	0.68 μF,50V,Electrolytic	A B
C157,158	VCQYKA1HM223J	J	0.022 μF,50V,Mylar	A B
C159	VCKZPA1HF473Z	J	0.047 μF,50V	A A
C160	VCE9AA1CF475M	J	4.7 μF,16V,Electrolytic,Non-Polar	A C
C161	VCKZPA1HF103Z	J	0.01 μF,50V	A A
C162	RC-GZA476AF1C	J	47 μF,16V,Electrolytic	A B
C163~166	VCCSPA1HL101J	J	100 pF,50V	A A
C167,168	VCCSPA1HL561J	J	560 pF,50V	A A
C169~171	VCTYBT1EF223Z	J	0.022 μF,25V	A A
C172	RC-GZA105AF1H	J	1 μF,50V,Electrolytic	A B
C173	VCTYBT1EF223Z	J	0.022 μF,25V	A A
C176,177	VCKYBT1HB101K	J	100 pF,50V	A A
C201	RC-GZV108AF1A	J	1000 μF,10V,Electrolytic	A D
C202	RC-GZA105AF1H	J	1 μF,50V,Electrolytic	A B
C203	RC-GZV108AF1A	J	1000 μF,10V,Electrolytic	A D
C204	RC-GZA105AF1H	J	1 μF,50V,Electrolytic	A B
C205	RC-GZV108AF1A	J	1000 μF,10V,Electrolytic	A D
C206	RC-GZA105AF1H	J	1 μF,50V,Electrolytic	A B
C207	VCCSBT1HL470J	J	47 pF,50V	A A
C208~211	VCCSBT1HL470J	J	47 pF,50V	A A
C212	VCCSBT1HL470J	J	47 pF,50V	A A
C213~224	VCKZPA1HF473Z	J	0.047 μF,50V	A A
C225	VCTYBT1CY103M	J	0.01 μF,16V	A A
C226	VCTYBT1CY103M	J	0.01 μF,16V	A A
C227	VCTYBT1CY103M	J	0.01 μF,16V	A A
C228	VCTYBT1CY103M	J	0.01 μF,16V	A A
C229~231	VCTYBT1CY103M	J	0.01 μF,16V	A A
C232	RC-GZA226AF1C	J	22 μF,16V,Electrolytic	A B
C233,234	VCTYBT1CY103M	J	0.01 μF,16V	A A
C235,236	RC-GZA226AF1C	J	22 μF,16V,Electrolytic	A B
C237~239	VCTYBT1CY103M	J	0.01 μF,16V	A A
C240	RC-GZA226AF1C	J	22 μF,16V,Electrolytic	A B
C241~244	VCTYBT1CY103M	J	0.01 μF,16V	A A
C250~253	VCTYBT1CY103M	J	0.01 μF,16V	A A
C254,255	RC-GZV477AF1C	J	470 μF,16V,Electrolytic	A C
C290~293	VCCSPA1HL221J	J	220 pF,50V	A A
C301~304	RC-GZA226AF1C	J	22 μF,16V,Electrolytic	A B
C305	VCKZPA1HF473Z	J	0.047 μF,50V	A A
C306	RC-GZV477AF1C	J	470 μF,16V,Electrolytic	A C
C307~309	RC-GZA226AF1C	J	22 μF,16V,Electrolytic	A B
C310,311	VCKZPA1HF473Z	J	0.047 μF,50V	A A
C312	VCCSBT1HL470J	J	47 pF,50V	A A
C313	RC-GZV108AF1A	J	1000 μF,10V,Electrolytic	A D
C314,315	RC-GZA226AF1C	J	22 μF,16V,Electrolytic	A B
C316	VCKZPA1HF473Z	J	0.047 μF,50V	A A
C317	VCTYBT1CY103M	J	0.01 μF,16V	A A
C318	VCKZPA1HF473Z	J	0.047 μF,50V	A A
C319	VCCSBT1HL470J	J	47 pF,50V	A A
C320	RC-GZV108AF1A	J	1000 μF,10V,Electrolytic	A D
C321	RC-GZA226AF1C	J	22 μF,16V,Electrolytic	A B
C322	VCTYBT1CY103M	J	0.01 μF,16V	A A
C323,324	VCKZPA1HF473Z	J	0.047 μF,50V	A A
C325	VCCSBT1HL470J	J	47 pF,50V	A A
C326	RC-GZV108AF1A	J	1000 μF,10V,Electrolytic	A D
C327,328	RC-GZV477AF1C	J	470 μF,16V,Electrolytic	A C
C329,330	VCKZPA1HF473Z	J	0.047 μF,50V	A A
C331	RC-GZA476AF1C	J	47 μF,16V,Electrolytic	A B
C332	VCCSBT1HL270J	J	27 pF,50V	A A
C333	RC-GZA226AF1C	J	22 μF,16V,Electrolytic	A B
C334	VCKZPA1HF223Z	J	0.022 μF,50V	A A
C335	VCCSPA1HL221J	J	220 pF,50V	A A
C336	RC-GZV477AF1C	J	470 μF,16V,Electrolytic	A C
C337	RC-GZA107AF1A	J	100 μF,10V,Electrolytic	A B
C338	VCCSPA1HL221J	J	220 pF,50V	A A
C339	VCKZPA1HF223Z	J	0.022 μF,50V	A A
C340	VCTYPA1EX102K	J	0.001 μF,25V	A A
C341~343	VCTYBT1CY103M	J	0.01 μF,16V	A A
C344	VCKZPA1HF473Z	J	0.047 μF,50V	A A
C345	RC-GZA476AF1C	J	47 μF,16V,Electrolytic	A B
C346	VCTYBT1CY103M	J	0.01 μF,16V	A A
C347,348	VCKYBT1HB221K	J	220 pF,50V	A A
C349~352	VCKYBT1HB101K	J	100 pF,50V	A A
C401,402	VCKYBT1HB101K	J	100 pF,50V	A A
C403,404	VCKYBT1HB151K	J	150 pF,50V	A A
C405,406	RC-GZA476AF1C	J	47 μF,16V,Electrolytic	A B
C407,408	VCKZPA1HF223Z	J	0.022 μF,50V	A A
C409,410	VCKYBT1HB151K	J	150 pF,50V	A A
C411,412	RC-GZA106AF1H	J	10 μF,50V,Electrolytic	A B
C413,414	RC-GZA684AF1H	J	0.68 μF,50V,Electrolytic	A B
C415,416	VCTYPA1EX563K	J	0.056 μF,25V	A B
C417,418	RC-GZA334AF1H	J	0.33 μF,50V,Electrolytic	A A
C419,420	VCTYPA1EX223K	J	0.022 μF,25V	A A
C421,422	RC-GZA104AF1H	J	0.1 μF,50V,Electrolytic	A B
C423,424	VCTYPA1EX103K	J	0.01 μF,25V	A A
C425,426	VCTYPA1EX333K	J	0.033 μF,25V	A A
C427,428	VCTYPA1EX562K	J	0.0056 μF,25V	A A
C429,430	VCTYPA1EX183K	J	0.018 μF,25V	A A
C431,432	VCTYPA1EX152K	J	0.0015 μF,25V	A A
C433,434	VCTYPA1EX682K	J	0.0068 μF,25V	A A
C435,436	VCKYPA1HB561K	J	560 pF,50V	A A
C437,438	VCTYPA1EX332K	J	0.0033 μF,25V	A A
C439,440	VCCSPA1HL221J	J	220 pF,50V	A A
C501	RC-GZA106AF1H	J	10 μF,50V,Electrolytic	A B
C502	RC-GZA227AF1E	J	220 μF,25V,Electrolytic	A B
C503	VCKZPU1HF473Z	J	0.047 μF,50V	A A
C601,602	VCTYBT1CY103M	J	0.01 μF,16V	A A
C603	RC-GZA476AF1A	J	47 μF,10V,Electrolytic	A B
C604	VCKZPA1HF473Z	J	0.047 μF,50V	A A
C605	VCKZPA1HF223Z	J	0.022 μF,50V	A A
C606,607	VCCSPA1HL470J	J	47 pF,50V	A A
C608	VCKZPA1HF223Z	J	0.022 μF,50V	A A
C609	VCKZPA1HF473Z	J	0.047 μF,50V	A A
C701	RC-GZA107AF1E	J	100 μF,25V,Electrolytic	A B
C702,703	RC-GZA227AF1E	J	220 μF,25V,Electrolytic	A B
C704,705	VCKZPA1HF223Z	J	0.022 μF,50V	A A
C706,707	RC-GZV108AF1E	J	1000 μF,25V,Electrolytic	A D
C708	RC-GZA106AF1H	J	10 μF,50V,Electrolytic	A B
C709,710	VCKZPA1HF473Z	J	0.047 μF,50V	A A
C711	RC-GZA106AF1H	J	10 μF,50V,Electrolytic	A B
C712	RC-GZV338AF1V	J	3300 μF,35V,Electrolytic	A D
C713	VCQYKA1HM473K	J	0.047 μF,50V,Mylar	A B
C714,715	VCQYKA1HM473K	J	0.047 μF,50V,Mylar	A B
C716	RC-GZA105AF1H	J	1 μF,50V,Electrolytic	A B
C717	RC-GZA107AF1E	J	100 μF,25V,Electrolytic	A B
C719	VCKZPA1HF473Z	J	0.047 μF,50V	A A
C801,802	VCKYBT1HB101K	J	100 pF,50V	A A
C803,804	RC-GZA474AF1H	J	0.47 μF,50V,Electrolytic	A A
C805,806	VCKYBT1HB331K	J	330 pF,50V	A A
C807,808	VCKYBT1HB101K	J	100 pF,50V	A A
C809~812	VCKYBT1HB101K	J	100 pF,50V	A A
C813,814	RC-GZA106AF1C	J	10 μF,16V,Electrolytic	A B
C817,818	VCKYBT1HB151K	J	150 pF,50V	A A
C819,820	VCTYBT1EF223Z	J	0.022 μF,25V	A A
C821~823	VCKYBT1HB221K	J	220 pF,50V	A A

REF.NO.	PART NO.	★	DESCRIPTION	CODE
C824~826	VCTYBT1EF223Z	J	0.022 μF,25V	A A
C827,828	RC-GZA105AF1H	J	1 μF,50V,Electrolytic	A B
C829,830	VCKYPA1HB221K	J	220 pF	A A
C831,832	RC-GZA105AF1H	J	1 μF,50V,Electrolytic	A B
C833,834	VCKYBT1HB101K	J	100 pF,50V	A A
C835,836	VCTYBT1EF223Z	J	0.022 μF,25V	A A
C837	VCKZPU1HF223Z	J	0.022 μF,50V	A A
C838,839	VCKYBT1HB101K	J	100 pF,50V	A A
C998,999	VCCSPA1HL180J	J	18 pF,50V	A A

RESISTORS

(Unless otherwise specfifed, resistors are ±5%,carbon type.)

R0A	VRD-ST2CD682J	J	6.8 kohms,1/6W	A A
R0B	VRD-ST2CD224J	J	220 kohms,1/6W	A A
R1	VRD-ST2CD223J	J	22 kohms,1/6W	A A
R1B,2B	VRD-ST2CD471J	J	470 ohms,1/6W	A A
R1C,2C	VRD-ST2CD472J	J	4.7 kohms,1/6W	A A
R2	VRD-ST2CD124J	J	120 kohms,1/6W	A A
R3,4	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R3A,4A	VRD-ST2CD682J	J	6.8 kohms,1/6W	A A
R3B,4B	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R3C	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R4C	VRD-ST2CD332J	J	3.3 kohms,1/6W	A A
R5	VRD-ST2CD223J	J	22 kohms,1/6W	A A
R5A,6A	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R5B,6B	VRD-ST2CD272J	J	2.7 kohms,1/6W	A A
R6,7	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R7A,8A	VRD-ST2CD471J	J	470 ohms,1/6W	A A
R7B,8B	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R8	VRD-ST2CD823J	J	82 kohms,1/6W	A A
R9	VRD-ST2CD333J	J	33 kohms,1/6W	A A
R9A	VRD-ST2CD682J	J	6.8 kohms,1/6W	A A
R9B	VRD-ST2EE221J	J	220 ohms,1/4W	A A
R10,11	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R12,13	VRD-ST2CD223J	J	22 kohms,1/6W	A A
R14	VRD-ST2CD221J	J	220 ohms,1/6W	A A
R15	VRD-ST2CD472J	J	4.7 kohms,1/6W	A A
R16	VRD-ST2CD104J	J	100 kohm,1/6W	A A
R17	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R18	VRD-ST2CD221J	J	220 ohms,1/6W	A A
R19	VRD-ST2CD104J	J	100 kohm,1/6W	A A
R20	VRD-ST2CD472J	J	4.7 kohms,1/6W	A A
R21~25	VRD-ST2CD221J	J	220 ohms,1/6W	A A
R26	VRD-ST2CD221J	J	220 ohms,1/6W	A A
R27~32	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R33	VRD-ST2CD561J	J	560 ohms,1/6W	A A
R34	VRD-ST2CD391J	J	390 ohms,1/6W	A A
R35	VRD-ST2CD330J	J	33 ohms,1/6W	A A
R36	VRD-ST2CD152J	J	1.5 kohms,1/6W	A A
R37	VRD-ST2CD223J	J	22 kohms,1/6W	A A
R38	VRD-ST2CD333J	J	33 kohms,1/6W	A A
R39	VRD-ST2EE331J	J	330 ohms,1/4W	A A
R40	VRD-ST2EE680J	J	68 ohms,1/4W	A A
R41	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
R42	VRD-ST2CD561J	J	560 ohms,1/6W	A A
R43	VRD-ST2CD391J	J	390 ohms,1/6W	A A
R44	VRD-ST2CD330J	J	33 ohms,1/6W	A A
R45	VRD-ST2CD152J	J	1.5 kohms,1/6W	A A
R46	VRD-ST2CD333J	J	33 kohms,1/6W	A A
R47	VRD-ST2CD223J	J	22 kohms,1/6W	A A
R48	VRD-ST2EE331J	J	330 ohms,1/4W	A A
R49	VRD-ST2EE680J	J	68 ohms,1/4W	A A
R50	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
R51	VRD-ST2CD561J	J	560 ohms,1/6W	A A
R52	VRD-ST2CD391J	J	390 ohms,1/6W	A A
R53	VRD-ST2CD330J	J	33 ohms,1/6W	A A
R54	VRD-ST2CD152J	J	1.5 kohms,1/6W	A A
R55	VRD-ST2CD223J	J	22 kohms,1/6W	A A
R56	VRD-ST2CD333J	J	33 kohms,1/6W	A A
R57	VRD-ST2EE331J	J	330 ohms,1/4W	A A
R58	VRD-ST2EE680J	J	68 ohms,1/4W	A A
R59	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
R60	VRD-ST2CD681J	J	680 ohms,1/6W	A A
R61	VRD-ST2CD181J	J	180 ohms,1/6W	A A
R95,96	VRD-ST2CD182J	J	1.8 kohms,1/6W	A A
R97,98	VRD-ST2CD153J	J	15 kohms,1/6W	A A
R101,102	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R103,104	VRD-ST2CD823J	J	82 kohms,1/6W	A A
R105,106	VRD-ST2CD683J	J	68 kohms,1/6W	A A
R107,108	VRD-ST2CD682J	J	6.8 kohms,1/6W	A A
R109,110	VRD-ST2CD392J	J	3.9 kohms,1/6W	A A
R111,112	VRD-ST2EE271J	J	270 ohms,1/4W	A A
R113,114	VRD-ST2CD183J	J	18 kohms,1/6W	A A
R115,116	VRD-ST2CD563J	J	56 kohms,1/6W	A A
R117,118	VRD-ST2CD393J	J	39 kohms,1/6W	A A
R119,120	VRD-ST2CD223J	J	22 kohms,1/6W	A A
R121,122	VRD-ST2CD472J	J	4.7 kohms,1/6W	A A
R123,124	VRD-ST2CD563J	J	56 kohms,1/6W	A A
R125,126	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R127,128	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R129,130	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R131,132	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R133,134	VRD-ST2CD394J	J	390 kohms,1/6W	A A
R135,136	VRD-ST2CD333J	J	33 kohms,1/6W	A A
R137,138	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R139,140	VRD-ST2CD104J	J	100 kohm,1/6W	A A
R141~146	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R147,148	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R149,150	VRD-ST2CD393J	J	39 kohms,1/6W	A A
R151,152	VRD-ST2CD153J	J	15 kohms,1/6W	A A
R153,154	VRD-ST2CD332J	J	3.3 kohms,1/6W	A A
R155,156	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R157,158	VRD-ST2CD183J	J	18 kohms,1/6W	A A
R159,160	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R161,162	VRD-ST2CD183J	J	18 kohms,1/6W	A A
R163,164	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R165,166	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R167,168	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R169,170	VRD-ST2CD104J	J	100 kohm,1/6W	A A
R171,172	VRD-ST2CD392J	J	3.9 kohms,1/6W	A A
R173,174	VRD-ST2CD683J	J	68 kohms,1/6W	A A
R175,176	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R177,178	VRD-ST2CD104J	J	100 kohm,1/6W	A A
R179,180	VRD-ST2CD472J	J	4.7 kohms,1/6W	A A
R181,182	VRD-ST2CD683J	J	68 kohms,1/6W	A A
R183,184	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R185,186	VRD-ST2CD472J	J	4.7 kohms,1/6W	A A
R187	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R188	VRD-ST2CD122J	J	1.2 kohms,1/6W	A A
⚠R189	VRG-ST2EJ100J	J	10 ohm,1/4W,Fusible	A B
R193,194	VRD-ST2CD821J	J	820 ohms,1/6W	A A
R195,196	VRD-ST2CD272J	J	2.7 kohms,1/6W	A A
R199	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R199A,B	VRD-ST2CD393J	J	39 kohms,1/6W	A A
R200	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R201	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
R202	VRD-ST2EE680J	J	68 ohms,1/4W	A A
R203	VRD-ST2EE221J	J	220 ohms,1/4W	A A
R204	VRD-ST2CD101J	J	100 ohm,1/6W	A A
R206	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
R207	VRD-ST2EE680J	J	68 ohms,1/4W	A A
R208	VRD-ST2EE221J	J	220 ohms,1/4W	A A
R209	VRD-ST2CD101J	J	100 ohm,1/6W	A A
R210	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
R211	VRD-ST2EE680J	J	68 ohms,1/4W	A A
R212	VRD-ST2EE221J	J	220 ohms,1/4W	A A
R213	VRD-ST2CD101J	J	100 ohm,1/6W	A A
R214	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A

REF.NO.	PART NO.	★	DESCRIPTION	CODE
R215	VRD-ST2EE680J	J	68 ohms,1/4W	A A
R216	VRD-ST2EE221J	J	220 ohms,1/4W	A A
R217	VRD-ST2CD101J	J	100 ohm,1/6W	A A
R218	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
R219	VRD-ST2EE680J	J	68 ohms,1/4W	A A
R220	VRD-ST2EE221J	J	220 ohms,1/4W	A A
R221	VRD-ST2CD101J	J	100 ohm,1/6W	A A
R222	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
R223	VRD-ST2EE680J	J	68 ohms,1/4W	A A
R224	VRD-ST2EE221J	J	220 ohms,1/4W	A A
R225	VRD-ST2CD101J	J	100 ohm,1/6W	A A
R226	VRD-ST2EE680J	J	68 ohms,1/4W	A A
R227	VRD-ST2CD100J	J	10 ohm,1/6W	A A
R229	VRD-ST2EE680J	J	68 ohms,1/4W	A A
R230	VRD-ST2CD100J	J	10 ohm,1/6W	A A
R232	VRD-ST2EE680J	J	68 ohms,1/4W	A A
R233	VRD-ST2CD100J	J	10 ohm,1/6W	A A
R234	VRD-ST2EE680J	J	68 ohms,1/4W	A A
R235	VRD-ST2CD100J	J	10 ohm,1/6W	A A
R239	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R240	VRD-ST2CD151J	J	150 ohms,1/6W	A A
R241	VRD-ST2CD153J	J	15 kohms,1/6W	A A
R242	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R243	VRD-ST2CD151J	J	150 ohms,1/6W	A A
R245,246	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R247,248	VRD-ST2CD151J	J	150 ohms,1/6W	A A
R249	VRD-ST2CD153J	J	15 kohms,1/6W	A A
R250	VRD-ST2CD153J	J	15 kohms,1/6W	A A
R251	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R252,253	VRD-ST2CD151J	J	150 ohms,1/6W	A A
R254,255	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R256	VRD-ST2CD151J	J	150 ohms,1/6W	A A
R257	VRD-ST2CD153J	J	15 kohms,1/6W	A A
R258	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R259	VRD-ST2CD151J	J	150 ohms,1/6W	A A
R270～277	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R278	VRD-ST2CD104J	J	100 kohm,1/6W	A A
R279	VRD-ST2CD153J	J	15 kohms,1/6W	A A
R280	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R281	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R281A,282A	VRD-ST2CD682J	J	6.8 kohms,1/6W	A A
R282	VRD-ST2CD223J	J	22 kohms,1/6W	A A
R283	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R283A	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R284	VRD-ST2CD223J	J	22 kohms,1/6W	A A
R284A	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R285	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R285A,286A	VRD-ST2CD472J	J	4.7 kohms,1/6W	A A
R287,288	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R289	VRD-ST2CD472J	J	4.7 kohms,1/6W	A A
R290	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R297,298	VRD-ST2CD472J	J	4.7 kohms,1/6W	A A
R301	VRD-ST2CD333J	J	33 kohms,1/6W	A A
R302	VRD-ST2CD331J	J	330 ohms,1/6W	A A
R303,304	VRD-ST2CD563J	J	56 kohms,1/6W	A A
R305,306	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R307	VRD-ST2CD153J	J	15 kohms,1/6W	A A
R308	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R310	VRD-ST2CD101J	J	100 ohm,1/6W	A A
R311	VRD-ST2EE221J	J	220 ohms,1/4W	A A
R312	VRD-ST2EE680J	J	68 ohms,1/4W	A A
R313	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
R314	VRD-ST2CD153J	J	15 kohms,1/6W	A A
R315	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R316,317	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R318	VRD-ST2CD153J	J	15 kohms,1/6W	A A
R319	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R320	VRD-ST2CD101J	J	100 ohm,1/6W	A A
R321	VRD-ST2EE221J	J	220 ohms,1/4W	A A
R322	VRD-ST2EE680J	J	68 ohms,1/4W	A A
R323	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
R324	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R326	VRD-ST2CD101J	J	100 ohm,1/6W	A A
R327	VRD-ST2EE221J	J	220 ohms,1/4W	A A
R328	VRD-ST2EE680J	J	68 ohms,1/4W	A A
R329	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
R330	VRD-ST2CD101J	J	100 ohm,1/6W	A A
R331	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
R332	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R333	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R334	VRD-ST2CD562J	J	5.6 kohms,1/6W	A A
R335	VRD-ST2CD182J	J	1.8 kohms,1/6W	A A
R336	VRD-ST2CD471J	J	470 ohms,1/6W	A A
R337	VRD-ST2CD223J	J	22 kohms,1/6W	A A
R338	VRD-ST2CD120J	J	120 ohms,1/6W	A A
R339	VRD-ST2EE151J	J	150 ohms,1/4W	A A
R340	VRD-ST2EE681J	J	680 ohms,1/4W	A A
R341,342	VRD-ST2EE680J	J	68 ohms,1/4W	A A
R343	VRD-ST2CD100J	J	10 ohm,1/6W	A A
R344	VRD-ST2CD223J	J	22 kohms,1/6W	A A
R345	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R346	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R347	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R348	VRD-ST2CD223J	J	22 kohms,1/6W	A A
R349	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R350	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R351,352	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R353	VRD-ST2CD391J	J	390 ohms,1/6W	A A
R354	VRD-ST2CD471J	J	470 ohms,1/6W	A A
R355	VRD-ST2CD100J	J	10 ohm,1/6W	A A
R356	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R357	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R358,359	VRD-ST2CD223J	J	22 kohms,1/6W	A A
R360	VRD-ST2CD223J	J	22 kohms,1/6W	A A
R361	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R361	VRD-ST2CD104J	J	100 kohm,1/6W	A A
R362	VRD-ST2CD123J	J	12 kohms,1/6W	A A
R363	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R364	VRD-ST2CD101J	J	100 ohm,1/6W	A A
R365	VRD-ST2CD223J	J	22 kohms,1/6W	A A
R366,367	VRD-ST2CD223J	J	22 kohms,1/6W	A A
R368	VRD-ST2CD223J	J	22 kohms,1/6W	A A
R375	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R376～381	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R401,402	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R403,404	VRD-ST2CD104J	J	100 kohm,1/6W	A A
R405,406	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R407	VRD-ST2CD104J	J	100 kohm,1/6W	A A
R408	VRD-ST2CD104J	J	100 kohm,1/6W	A A
R409,410	VRD-ST2CD272J	J	2.7 kohms,1/6W	A A
R411,412	VRD-ST2CD683J	J	68 kohms,1/6W	A A
R413,414	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R415,416	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
R417,418	VRD-ST2CD683J	J	68 kohms,1/6W	A A
R419,420	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R421,422	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
R423,424	VRD-ST2CD683J	J	68 kohms,1/6W	A A
R425,426	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R427,428	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
R429,430	VRD-ST2CD683J	J	68 kohms,1/6W	A A
R431,432	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R433,434	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
R435,436	VRD-ST2CD683J	J	68 kohms,1/6W	A A
R437,438	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R439,440	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
R441,442	VRD-ST2CD683J	J	68 kohms,1/6W	A A
R443,444	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R445,446	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
R447,448	VRD-ST2CD683J	J	68 kohms,1/6W	A A
R449,450	VRD-ST2CD103J	J	10 kohm,1/6W	A A

REF.NO.	PART NO.	★	DESCRIPTION	CODE
R451	VRD-ST2EE471J	J	470 ohms,1/4W	A A
R452	VRD-ST2EE271J	J	270 ohms,1/4W	A A
R453	VRD-ST2EE471J	J	470 ohms,1/4W	A A
R454	VRD-ST2EE271J	J	270 ohms,1/4W	A A
R455~458	VRD-ST2CD560J	J	56 ohms,1/6W	A A
⚠R501	VRG-ST2EJ100J	J	10 ohm,1/4W,Fusible	A B
R502	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R504	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R505	VRD-ST2CD393J	J	39 kohms,1/6W	A A
R506	VRD-ST2CD472J	J	4.7 kohms,1/6W	A A
R507	VRD-ST2CD183J	J	18 kohms,1/6W	A A
R508	VRD-ST2CD472J	J	4.7 kohms,1/6W	A A
R509	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R510	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R511	VRD-ST2CD153J	J	15 kohms,1/6W	A A
R512	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
R513	VRD-ST2EE181J	J	180 ohms,1/4W	A A
R601	VRD-ST2CD472J	J	4.7 kohms,1/6W	A A
R602~608	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R609~614	VRD-ST2CD101J	J	100 ohm,1/6W	A A
R615~618	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R619	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R620	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
R621,622	VRD-ST2CD271J	J	270 ohms,1/6W	A A
R623	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R624	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
R625,626	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R627~632	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R633	VRD-ST2CD151J	J	150 ohms,1/6W	A A
R634	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R635	VRD-ST2CD105J	J	1 Mohm,1/6W	A A
R636	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
R637	VRD-ST2CD821J	J	820 ohms,1/6W	A A
R638,639	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R640	VRD-ST2CD101J	J	100 ohm,1/6W	A A
R641~644	VRD-ST2CD151J	J	150 ohms,1/6W	A A
R645	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R646~648	VRD-ST2CD271J	J	270 ohms,1/6W	A A
R650~652	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R655	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R656	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
⚠R701	VRG-ST2EJ100J	J	10 ohm,1/4W,Fusible	A B
R702	VRD-ST2EE102J	J	1 kohm,1/4W	A A
R703	VRD-ST2CD101J	J	100 ohm,1/6W	A A
R704,705	VRD-ST2CD152J	J	1.5 kohms,1/6W	A A
R706	VRD-ST2EE102J	J	1 kohm,1/4W	A A
R801~810	VRD-ST2CD123J	J	12 kohms,1/6W	A A
R811,812	VRD-ST2CD221J	J	220 ohms,1/6W	A A
R813,814	VRD-ST2CD273J	J	27 kohms,1/6W	A A
R815,816	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R817,818	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R819,820	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R821~824	VRD-ST2CD683J	J	68 kohms,1/6W	A A
R825,826	VRD-ST2CD333J	J	33 kohms,1/6W	A A
R827~830	VRD-ST2CD333J	J	33 kohms,1/6W	A A
R831,832	VRD-ST2CD682J	J	6.8 kohms,1/6W	A A
R833,834	VRD-ST2CD392J	J	3.9 kohms,1/6W	A A
R835~838	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R839,840	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R841,842	VRD-ST2CD682J	J	6.8 kohms,1/6W	A A
R843,844	VRD-ST2CD123J	J	12 kohms,1/6W	A A
R845	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R846	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R847~850	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R851,852	VRD-ST2CD681J	J	680 ohms,1/6W	A A
R853	VRD-ST2CD122J	J	1.2 kohms,1/6W	A A
R854	VRD-ST2CD122J	J	1.2 kohms,1/6W	A A
R855	VRD-ST2EE820J	J	82 ohms,1/4W	A A
R857	VRD-ST2EE680J	J	68 ohms,1/4W	A A
R858	VRD-ST2CD100J	J	10 ohm,1/6W	A A
R859	VRD-ST2EE680J	J	68 ohms,1/4W	A A
R860	VRD-ST2CD100J	J	10 ohm,1/6W	A A
R861,862	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R863,864	VRD-ST2CD683J	J	68 kohms,1/6W	A A
R865,866	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R867,868	VRD-ST2CD104J	J	100 kohm,1/6W	A A

OTHER CIRCUITRY PARTS

BI101/CNS801	QCNWN4550AFZZ	J	Connector Ass'y,9-6Pin	A P
BI102/CNS802	QCNWN4549AFZZ	J	Connector Ass'y,8-7Pin	A P
BI103/CNS401	QCNWN4553AFZZ	J	Connector Ass'y,10-9Pin	A Q
BI301/CNS200	QCNWN4555AFZZ	J	Connector Ass'y,5-4Pin	A G
BI302/303	QCNWN4557AFZZ	J	Connector Ass'y,4-7-8Pin	A R
BI601/CNS501	QCNWN4556AFZZ	J	Connector Ass'y,10-7Pin	A N
BI602/CNS301	QCNWN4554AFZZ	J	Connector Ass'y,7-6Pin	A K
BI603/CNS803	QCNWN4552AFZZ	J	Connector Ass'y,6-5Pin	A H
BI604/CNS603	QCNWN4232AFZZ	J	Connector Ass'y,2-2Pin	A G
BI701/CNS103	QCNWN4551AFZZ	J	Connector Ass'y,9-8Pin	A M
BI702/CNS302	QCNWN4761AFZZ	J	Connector Ass'y,4-3Pin	A E
BI703/CNS502	QCNWN4787AFZZ	J	Connector Ass'y,2-2Pin	A F
CNP1A	QCNCM742FAFZZ	J	Plug,6Pin	A B
CNP2A	QCNCM742BAFZZ	J	Plug,2Pin	A A
CNP3A	QCNCM742DAFZZ	J	Plug,5Pin	A A
CNP101,102	QCNCW619JAFZZ	J	Socket,Wire Trap,9Pin	A E
CNP103	QCNCM742HAFZZ	J	Plug,8Pin	A B
CNP200	QCNCM742DAFZZ	J	Plug,4Pin	A A
CNP301	QCNCM742FAF02	J	Plug,6Pin	A B
CNP302	QCNCM742CAFZZ	J	Plug,3Pin	A A
CNP401	QCNCM742JAFZZ	J	Plug,9Pin	A B
CNP501	QCNCM742GAFZZ	J	Plug,7Pin	A B
CNP502	QCNCM742BAFZZ	J	Plug,2Pin	A A
CNP603	QCNCM762BAFZZ	J	Plug,2Pin	A F
CNP801	QCNCM742FAFZZ	J	Plug,6Pin	A B
CNP802	QCNCM742GAF02	J	Plug,7Pin	A C
CNP803	QCNCM742EAFZZ	J	Plug,5Pin	A B
CNP804	QCNCM742HAFZZ	J	Plug,8Pin	A B
CNS1A	QCNWN4800AFZZ	J	Connector Ass'y,6Pin	A E
CNS2A	QCNWN4802AFZZ	J	Connector Ass'y,2Pin	A E
CNS3A	QCNWN4801AFZZ	J	Connector Ass'y,4Pin	A E
CNS804	————		Part of BI302/303	—
CNW601,602	QCNCM809JAFZZ	J	Socket,Wire Trap,9Pin	A E
⚠F701	QFS-C501JAFNi	J	Fuse,T500mA/250V	A F
⚠F702	QFS-C202JAFNi	J	Fuse,T2A/250V	A F
LCD601	RV-LX0105AFZZ	J	LCD,Function Indicator	A Q
PL601~604	RLMPM0207AFZZ	J	Lamp	A D
RX601	RRMCU0068AFZZ	J	Remote Control Receiver	A M
SO101,102	QSōCJ4625AFZZ	J	Socket [CD/Tuner/Phono/Tape/VCR 1 In]	A L
SO103	QSōCJ4419AFZZ	J	Socket [VCR 1 Out/Pre Out]	A G
SO201~205	QSōCD4412AFZZ	J	Socket [Video]	A E
SO301	QSōCZ9130AFZZ	J	Socket,9Pin [PC D-Sub]	A L
SO302,303	QSōCZ9128AFZZ	J	Socket,21Pin [TV/VCR IN/Out]	A G
SO501	QCNCM772KAFZZ	J	Plug,10Pin [System Control]	A L
SO502	QSōCD4412AFZZ	J	Socket [System Control]	A E
SO801~803	QSōCZ9128AFZZ	J	Socket,21Pin [AV EDIT/VCR 2 IN/LD]	A G
SW601~615	QSW-K0172AFZZ	J	Switch,Key Type [Operation]	A B
SW701	QSW-P0566AFZZ	J	Switch,Push Type [Power]	A E

EXPLODED PARTS

101	CPNLC2174AF01	J	Front Panel Ass'y	B E
101-1	————		Front Panel(Not Replacement Item)	—
101-2	GMADZ0159AFSA	J	Window	A M

REF.NO.	PART NO.	★	DESCRIPTION	CODE
101-3	JKNBZ1100AFSA	J	Button,Muting	A H
101-4	JKNBZ1140AFSA	J	Button,Function	A H
101-5	JKNBZ1141AFSA	J	Button,Surround/X Bass	A D
101-6	JKNBZ1142AFSA	J	Button,Cross/Monitor	A F
101-7	PCōVU9212AFZZ	J	Cover,Front Panel	A D
101-8	PFiLW0111AFSB	J	Window,Remote Control	A F
101-9	PFLT-0992AF00	J	Felt,Leg	A D
102	GCAB-3285AFSA	J	Cabinet	B G
103	GFTAU3161AFFW	J	Bracket,Bottom	A S
104	GiTAR0188AFSA	J	Back Board	A X
104	GiTAR0189AFSA	J	Back Board,Made in Korea	A X
105	RCōRF0081AFZZ	J	Core	A D
106	GLEGP0165AF00	J	Leg	A D
107	GMADZ0160AFSA	J	Window,Graphic Equalizer Knob	A C
108	HDAP-0268AFSA	J	Back Plate,Display	A H
109	HiNDP2170AFSA	J	Display Acryl	A K
110	JKNBK0460AFSB	J	Knob,Volume	A G
111	JKNBK0461AFSA	J	Knob,Balance	A G
112	JKNBM1042AFSB	J	Button,Power	A F
113	JKNBP0379AFSA	J	Knob	A D
114	RCōRF0063AFZZ	J	Core	A E
115	LANGT1833AFFW	J	Bracket,ALC PWB	A E
116	LANGQ1149AFFW	J	Bracket,Power PWB	A C
117	LANGT1788AFFW	J	Bracket,Front Panel	A D
118	LANGT1834AFFW	J	Bracket,Right Side	A U
119	LANGT1806AFFW	J	Bracket,PWB	A D
⚠120	LBSHC0004AGZZ	J	Bushing,AC Power Supply Cord	A B
121	LHLDW1124AFZZ	J	Nylon Band,80mm	A A
123	LHLDZ1447AF09	J	LED Holder	A H
124	LHLDZ1451AF09	J	LCD Holder	A G
125	LHLDZ1452AF09	J	Lamp PWB Holder	A F
126	LSTPZ0061AFZZ	J	Ring,Knob	A B
127	PCōVU7151AFZZ	J	Cover,Lamp	A D
128	PCōVU9211AFZZ	J	Cover,LED	A D
129	PCōVZ9108AF00	J	Cover,Graphic Equalizer	A G
130	PRDAR0673AFFW	J	Heat Sink	A G
131	PSHEP0246AFSA	J	LCD Sheet	A F
132	PSPAi0450AFZZ	J	Spacer	A B
⚠133	QACCV0054AF08	J	AC Power Supply Cord	A L
⚠134	QFSHD2104AFZZ	J	Fuse Holder	A A
⚠135	QLUGP0165AFZZ	J	Jack,Lug	A A
136	LANGF1312AFFW	J	Bracket,Strength	A E
137	LANGQ1150AFFW	J	Bracket,Transformer	A W
138	LANGT1830AFFW	J	Bracket,Terminal PWB	A E
139	QTANN0155AFZZ	J	Terminal,GND	A B
140	LHLDF1456AFZZ	J	Wire Holder	A C
141	LANGT1792AFFW	J	Bracket,Balance Control	A D
601	LX-HZ0087AFFD	J	Screw,ϕ3×8mm	A A
602	LX-JZ0111AFFD	J	Screw,ϕ3×8mm	A A
603	XHBSD30P06000	J	Screw,ϕ3×6mm	A A
605	XHBSD30P10000	J	Screw,ϕ3×10mm	A A
606	XHBSF30P06000	J	Screw,ϕ3×6mm	A A
607	XHBSF30P08000	J	Screw,ϕ3×8mm	A A
608	XHBSF40P06000	J	Screw,ϕ4×6mm	A A
610	XJBSD26P08000	J	Screw,ϕ2.6×8mm	A A
611	XJBSD30P08000	J	Screw,ϕ3×8mm	A A
612	XJBSD30P10000	J	Screw,ϕ3×10mm	A A
613	XJBSF30P10000	J	Screw,ϕ3×10mm	A A
614	XJSSD30P10000	J	Screw,ϕ3×10mm	A A
615	XHBSD40P08KSō	J	Screw,ϕ4×8mm	A A
616	LX-WZ7084AFZZ	J	Fiber Washer	A A
617	XHSSF30P08000	J	Screw,ϕ3×8mm	A A
618	XJBSD30P12000	J	Screw,ϕ3×12mm	A A

ACCESSORIES/PACKING PARTS

REF.NO.	PART NO.	★	DESCRIPTION	CODE
	QANTL0115AFZZ	J	Loop Antenna	A R
	QANTW0107AFZZ	J	FM Antenna	A H
	QCNW-0718AFZZ	J	Connecting Cord,RCA Type	A H
	QCNWG0255AFZZ	J	Remote Control Cord	A W
	QCNWH0115AFZZ	J	Connecting Cord,RCA Type(750mm)	A N
	QCNWH0117AFZZ	J	TV Remote Control Cord	A R
	QCNWH0119AFZZ	J	Connecting Cord,RCA Type(1500mm)	A Q
	SPAKA2127AFZZ	J	Packing Add.,Left	A G
	SPAKA2128AFZZ	J	Packing Add.,Right	A F
	SPAKC5236AFZZ	J	Packing Case	A V
	SPAKC5288AFZZ	J	Packing Case,Made in Korea	A V
	SPAKP0873AFZZ	J	Polyethylene Bag,Unit	A Q
	SSAKA0025AFZZ	J	Polyethylene Bag, Accessories	A B

P.W.B. ASSEMBLY (Not Replacement Item)

PWB-A1,2	DCEKT0081AF03	J	Graphic Eq. Amp./Graphic Eq. (Combined Ass'y)	—
PWB-B1~8	DCEKJ0091AF03	J	System Control/Function/ Socket/LED/Lamp (Combined Ass'y)	—
PWB-C1~5	DCEKK0222AF03	J	Power/Video/Power SW/ PC/Control (Combined Ass'y)	—
PWB-D	DCEKZ0712AF03	J	ALC	—

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